

# David Simpson



## Professional synopsis:

I have been working as a science professional since 2009. In this time I was employed as a wildlife biologist by federal agencies, private enterprises, universities and non-governmental organizations both domestically and abroad. In this field I excelled, developing a keen interest in environmental research which culminated in two scholarly co-authorships – one published (2015) and one currently in the peer-review process – and mentions as a contributor in several other scientific articles. In 2012-13 I was employed by the Meteorological Service of Canada as a Meteorological Technician, a position that took me to weather stations in Stony Plain, Alberta, and Ellesmere Island, Nunavut. It was during my time with the MSC that I developed a strong interest in the physical processes of the atmosphere and oceans and the technology used to understand their functions.

I am a hardworking and conscientious person, attributes that are apparent in my day-to-day and professional life. Time management and organization are paramount to my approach to any job entrusted to me. My bottom line is to be satisfied with the work I've done, and in this I am particular. That said, people that know me will attest to my enthusiastic and light-hearted demeanour, which contributes to a positive work environment and approachability.

## Objective:

- To work on a team whose approach is scientific.

## Education:

- Dalhousie University, Halifax, Nova Scotia (2010)
  - Bachelor of Science in Environmental Science with an Area of Emphasis in Marine Biology
- Nav Centre, Cornwall, Ontario (2013)
  - Surface Weather Observer Course
- Nova Scotia Community College, Dartmouth, Nova Scotia (ongoing)
  - Oceans Technology Advanced Diploma

## Background:

- Five years of experience working in environmental sciences
- Worked abroad for a number of years, developing my worldview and professional ethics in tandem
- A person of broad and varying interests, including natural history, writing, linguistics, and travel

## Publications:

- Claire A. Pernellet, David Simpson, Michel Gauthier-Clerc, Matthieu Guillemain: *Rice and duck, a good combination? Identifying the incentives and triggers for joint rice farming and wild duck conservation.* Agriculture, Ecosystems & Environment, Volume 214, 27 December 2015, Pages 118–132
- Claire Pernellet, François Cavallo, David Simpson, Michel Gauthier-Clerc, Matthieu Guillemain: *Seed Availability and Waterfowl Use of Rice fields in Camargue (France): the Role of Post-harvest Practices* Publication pending in Journal of Wildlife Management and Wildlife Monographs.

## Work Highlights:

- Northern Arizona University, Arizona and Colorado – field ornithologist/botanist (2015)
- Tour du Valat, France – Field ornithologist, laboratory technician, science writer (2013-14)
- Meteorological Service of Canada, Environment Canada (multiple locations) (2012-13) – Meteorological Technician
- Stantec, New Brunswick – field team leader, ornithologist/botanist (2013-14)

Language proficiencies – English (native), French (conversant), Italian (elementary)

\*Curriculum vitae and references available upon request

# Dylan Wilband



## **Professional Synopsis:**

I was born and raised in the Annapolis Valley of Nova Scotia, growing up in a town called Middleton. I graduated from high school in 2012, after which I took a year off of school. After working on various small farms for a year, I decided to go back to school at the NSCC Kingstec campus to take the Electronic Engineering Technician program. In my second and final year of the program, the Ocean Technology program was introduced and caught my eye immediately. I knew the program would be a great fit for me, as I love to work outdoors, and with the environment. I look forward to furthering my education of ocean technology!

## **Objective:**

- To gain employment in the Ocean Technology sector as an Ocean Technologist, also utilizing my skills as an Electronics Technician to help build and troubleshoot equipment.

## **Education:**

- Nova Scotia Community College
  - Advanced Diploma in Ocean Technology     Sept. 2015 – Present
  - Diploma in Electronic Engineering Technician     Sept. 2013 – June 2015

## **Work Experience:**

- Electronics Technician at SOCA Products Inc.     NSCC work term
  - Testing/Cleaning/Repairing of Telxon barcode scanners.
  - Soldering/Desoldering components
  - Troubleshooting
- Farm hand at Windy View Farm Ltd.     Nov. 2012 – Sept. 2015
  - Experience working outdoors in harsh weather conditions
  - Able to do physical labour

## **Other Qualifications:**

- Standard first aid and CPR level “C”
- WHMIS and OHS
- Lock out/Tag out
- Fall Arrest
- SVOP and MED A3
- Confined Space Awareness

# Caleb Coady



## **Professional synopsis:**

I am a highly motivated individual with a strong background in the Industrial Instrumentation field. From this background I have developed a keen sense of troubleshooting as well as how to work safely and efficiently in a team environment. My biggest asset is that I have been exposed to a wide variety of electrical and mechanical systems and have a good “hands-on” knowledge of how things work in an industrial environment. Upon completion of the Ocean Technology program I would like to focus my skills upon the calibration, repair, deployment and retrieval of oceanographic instrumentation.

## **Objective:**

- -To find a job in the ocean technology sector as an Oceanographic Instrumentation Technician.

## **Education:**

- Nova Scotia Community College
  - Ocean Technology- Advanced Diploma (2016)
  - Industrial Instrumentation-Diploma with honors (2015)

## **Previous work experience:**

- Nova Scotia Power Tufts Cove Generating Station- Instrumentation Technician (2015)
  - Completed a 5 week work term
  - Responsible for calibration, maintenance and troubleshooting of various instruments, valves and various measuring devices
- Dancing Goat Café (2010-2014)
  - Worked as a prep cook with various duties including ordering inventory
  - Had front of house duties including serving, cashier and being responsible for the handling of money within the business.

## **Certifications:**

- WHIMIS
- OHS
- Standard First Aid (C) with CPR+AED
- MED (A3)
- H2S Alive
- Fall Arrest
- Confined Space Awareness



## Shauna Ryan, BSc.

I am a creative, task oriented, and enthusiastic person. I work well independently and as a team player, equally, and I like to take initiative on new projects. During my undergraduate program at St. Francis Xavier University I was part of a research study based on the sustainability of bait in the lobster fishing industry which resulted in a co-authored published paper. This opportunity to be a part of a research team certainly helped to increase my project, data, and time management skills as well as my report-writing skills. I am looking forward to gaining the hands-on skills throughout this program to gain the knowledge needed to work in the growing ocean technology industry pursuing my passion in water.



### Objective

To obtain employment in the ocean sector as an Ocean Technologist executing the recently obtained skills

### Education

- Nova Scotia Community College
  - > Advanced Diploma Oceans Technology
- St. Francis Xavier University
  - > Bachelor of Science - Majors in Biology and Aquatic Resources

### Experience

- Research Assistant at St.FX University
  - > Lobster bait sustainability
- Volunteer Fieldwork Assistant for Acadia University
  - > Tracking animal movement and activity
- Lab Demonstrator for Ecology
- Residence Assistant at St.FX University
- Marketing Co-ordinator & Skills Coach at Golden Opportunities Vocational Rehabilitation Centre

### Skills/Certifications

- Standard First Aid CPR/AED – Level C
- PADI Open Water Diver
- Workplace Hazardous Materials Information System
- Occupational Health & Safety
- Fall Protection
- Small Vessel Operation Proficiency
- Marine Emergency Duties A3

### Accomplishments

- Publication in Marine and Freshwater Behaviour and Physiology Journal

# Liam Ness

## Professional Synopsis:

I am competent, professional and resourceful individual who is committed to accomplishing given tasks and I am able to remain dedicated to project requirements and goals until satisfactory results have been met. I have various amounts experience and knowledge in the areas of Electronic Engineering and am able to successfully implement these attributes in either autonomous or group orientated work. Thanks to my educational background at NSCC I have obtained skills in the fields of analog and digital communications, DC and AC circuit theory, digital logic, microcontroller and embedded systems programming, soldering and fabrication, programmable logic controllers, DC and AC motors and other disciplines pertaining to the field of Electronic Engineering. I am able to adapt to specific challenges in new and emerging fields of the physical sciences/engineering. I have been told that I am a fast learner and that can adapt to unforeseen issues and problems without supervision. I feel I would make a valuable asset in many different positions in the ocean technology trades and I would enjoy a career where my qualifications could be put to use to make a significant impact within the industry.



## Objective:

To find a job supporting scientists and researchers in the ocean technology sector as an electronics technician/designer

## Education:

2 year NSCC training of electronic engineering technician program/1 year NSCC training of electronic engineering technologist program

## Previous work experience/project experience:

Work term/work experience 2<sup>nd</sup> year electronic engineering technician program – Electronic Motion Systems. AC/DC circuit design/testing, lab technician role, soldering and fabrication, troubleshooting and quality assurance responsibilities.

1<sup>st</sup> year out of school – Fire alarm technician industry. D&L Engineering – Tested, verified, troubleshot fire, life safety and control systems.

NSCC EETG Senior Project – HIPANS (Hearing Impaired Persons Alarm Notification System) Developed and designed electronic device that informs hard of hearing individuals at the campus of fire/lockdown emergency notifications.

## *Irène Mabe Lah*

*“I hope to become a role model for other women engaging in the Engineering and Technology Field”*



I am a student at NSCC in the Ocean Technology program. I am very confident to become a skilled ocean technologist who will contribute to the success of any company I will work with or for.

I have been passionate in the industrial and technological field; I am an ambitious person who believes anything is possible.

My professional experience in calibration and industrial electricity encompasses electrical installation, maintenance, blueprint reading, interpreting and much more.

Projects I have worked on include installation of air compressors, maintenance of weighing machines at airports, and ongoing maintenance in agro-industrial units (3 different units). Precisely, as a team member, I have participated in the planning process, installation, and preventive maintenance in many project areas. I have used tools and techniques according to manuals and/or coordinator's instructions and sometime on my own judgements.

After a successful completion of the Career Exploration Program in Trades and Technology (offered by Women Unlimited in Halifax, NS), I discovered the Oceans Technology program. Pre-requisites in that program and my aspirations were completely matched the program.

My previous education in trades and technology include a successful completion of grade 12 and grade 13 in Electrotechnics studies (electricity applied to technology) at a technical government High School. After this education level, I completed a 2 year diploma program in Industrial Engineering and Maintenance where, at the same time, I had a rewarding work experience at a technical consulting firm.

Currently, I volunteer my time at two local not-for-profit organizations where I give a helping-hand whenever necessary (events, luncheons, etc.)

### Association & Peer Group

Member of NSCC students' association member

Former member of the GIM (Industrial engineering and maintenance association)

### Other pertinent information

- Bilingual (French and English)
- I am The BIG HEART AWARD recipient of Women Unlimited.

# Jeff Finniss



## Professional Synopsis:

I have a unique skill set, due to my varied work and life background. My experience varies from hands-on applied research, to working in the corporate sector. I have obtained extensive history, working within multi-cultural teams, in a variety of countries worldwide. I have strong time management skills. I also have extensive public speaking experience, as well as professional presentation abilities and team management skills. I have received commendation as the top team leader and mentor two years consecutively. I have worked with clients and customers on a personal and professional level, ensuring satisfaction through organization and efficiency. I have worked in species sustainability, and have worked to enrich the public's knowledge, and understanding, of the importance of environmental sustainability.

## Objective

- To obtain employment, in a growing industry, with emerging markets. Also to work in a field that impacts our culture, and economy directly through ocean technology.

## Education

- Nova Scotia Community College  
Advanced Diploma in Oceans Technology 2015 – present
- Saint Mary's University  
Bachelor of Science 2004-2007

## Work Experience

### Territory Account Manager

- Managed sales territory, through customer relations.
- Responsible for generating weekly revenue, as well as finding, and exploring, new revenue streams.

### Principle Auctioneer

- Department Head
- Managed the day to day operations, including generation of weekly revenue, team management, development and deployment of an effective marketing strategies, and client relations.
- Responsible for the logistics of the embarkation, and debarkation, of high end products, both domestically and internationally.

### Blue Shark Charters

- Deck Hand/Mate
- Tagged sharks (mostly blue sharks), for tracking purposes.
- Educated clientele on the anatomy, and behavioral patterns of sharks.





## Oceans Technology Advanced Diploma

### Jillian Duggan, B.Sc.

#### Professional Synopsis:

I obtained a Bachelor of Science in Biology at Acadia University. My studies had strong emphasis in Marine Sciences where I acquired knowledge in classes on Marine Biology, Fisheries Management, Oceanography and Aquatic Ecology.

I have four years of experience as a Summer Recreation Assistant that has allowed me to develop my leadership and organizational skills. I have been able to work with the public and deliver programs to the community.

I am an extremely hard-worker that enjoys a challenge. I am innovative and work well in a team as well as individually. I am a dedicated conservationist and want to work to protect the world's oceans.



#### Objective

- To find employment in the Marine Environment as an Ocean Technologist complementing my previous education in Biology

#### Education

- Nova Scotia Community College
  - Ocean Technology
- Acadia University
  - Bachelor of Science in Biology
- Northumberland Regional High School
  - International Baccalaureate Program
  - French Immersion

#### Certification and Skills

- Standard First Aid Training Level C CPR / AED
- Occupational Health and Safety
- Workplace Hazardous Materials Information System
- Fall Protection
- Marine Emergency Duties A3
- Small Vessel Operator Proficiency
- Fluent in French (DELF B2)
- American Sign Language: Levels I and II



# Kyle Hooper

## Professional synopsis:

I am a highly goal and result driven individual with a developed background in electronic and electrical systems who is known for my communications skills and as great team player. I will take the lead in a project as fast as I will work under another team player to complete any task. I am a skilled problem solver; always open to another approach knowing that the biggest resources we have are the other professionals surrounding us. I have great pride in my work and I hold my team to the highest of standards. I am very pleased to say I have chosen to further my studies in Ocean Technologies; I chose this due to my passion for the ocean, the natural world and my technology trade which bonds the two best career focuses I could have ever imagined.



## Objective:

- To find a job supporting scientists and researchers in the ocean technology sector as an electronic engineering technician/ocean technologist

## Education:

- Nova Scotia Community College
  - Electronic Engineering Technician
- Nova Scotia Community College
  - Ocean Technology

## Background:

- 10 years in cabling and low voltage systems
  - Instrumentation , specialized tools , grounding methods , RF transmitters and receivers
  - Installation of Eastlink systems in residential and commercial new installs, modifications to existing etc.
- Many acquired skills: mechanical systems familiarization / ocean exploration and biology courses / electronics / programming / advanced problem solving skills developed from experience

## Previous work experience / project experience:

- NSCC Applied Research –Renewable Energy Technologist, Research Associate
  - Renewables Technologies
    - Designed and built a high ambient temperature tolerant dual 5 volt\lamp voltage regulator circuit for installation in Tanzania, Africa
- Vista Care Communications – Student (work term)
  - Examining electrical blue prints for multi-dwelling units, installing and modifying communications and structured wiring systems, running backbone fiber from central splicing point to smart panels, using hilt guns for mounting J hooks in concrete, operating scissor lifts and booms, upgrades for higher security buildings in need of controlled access
- PNL Communications Cable Technician/Installer, Eastlink contracting division
  - Applied my knowledge as a Cable Technician to unique problem solving and relocation of cabling systems and working with customers to satisfy their specific needs, sales of other Eastlink products, installation and management of telephone services, feeding dial tone to alarm systems, elimination RF leakage by finding the source with a leakage meter and fixing the problem.

# Naomi Tress

## Professional synopsis:

I am a versatile and creative thinker, inspired by a variety of work experiences. I am comfortable in all manner of work environments and have repeatedly proven my ability to operate rationally and productively on all types and sizes of vessels, in all sea conditions. I have proven my leadership abilities in many lead positions and am comfortable working in a team. My academic background in biology and earth sciences drives my desire to advance my career in a science related field and has led me to my current studies in Ocean Technologies. My recreational activities are focused around my love of the marine world and my enjoyment of working with hand tools and machinery.



## Objective:

To find a job supporting scientists and researchers in the ocean technology sector as an ocean technologist.

## Education:

- Nova Scotia Community College
  - Ocean Technology Advanced Diploma
- Dalhousie University
  - Bachelor of Science in Biology and Earth Sciences

## Work Experience:

- Residential carpentry with McKeown Peterson Custom Home Renovations
- Framing carpentry with Starbright Contracting
- General Labourer with various companies
- Employed with the Canadian Coast Guard as a Quartermaster, Cadet Navigation Officer, Deckhand, Inshore Rescue Boat Coxswain, and Inshore Rescue Boat Deckhand.
- Field experience collecting and processing data with Dalhousie Geology Field School
- Crew Trainer with McDonald's Canada
- Self employed as a Yard Maintenance Worker
- Beach Captain with Halifax Regional Municipality

## Certifications and Other Information:

- Marine training including Restricted Radio Operator Card-Marine Commercial (ROC-MC), Bridge Watch keeping Certificate, Basics of Oil Spill Response Course
- STCW training including Basic Safety(6.1), Proficiency Survival Craft(6.2), Fast Rescue Craft, MED A3, Small Craft Operator-Basic/ SVOP.
- Marine Medical Certificate
- PADI Advanced Open Water Diver
- Industrial safety training including Fall Protection, Aerial Lifts Operator, Confined Space Familiarization, WHMIS, Nova Scotia Construction Safety Orientation, 3M Mask Fit Test, Radio Frequency Awareness training

# Peter Brocklehurst



## Professional Profile

I am a hardworking and quick learning individual with excellent problem solving skills. I possess a high level of attention to detail with a goal of perfection in my work. I have a very high mechanical aptitude, strengthened through my studies in Mechanical Technology and I enjoy mathematics; I would appreciate employment in an ocean technology environment.

## Objective

- To obtain employment aiding engineers and scientists in the Ocean Technology industry as a Mechanical Engineering Technologist.

## Education

- Nova Scotia Community College
  - Ocean Technology
  - Mechanical Engineering Technology
- Saint Mary's University
  - Diploma in Engineering
- Dalhousie University
  - Further course work (Mechanical Engineering)

## Background

- Completed seven terms out of nine for a Mechanical Engineering degree

## Relevant Work Experience

- Siemens Automotive
  - Engineering Co-Op Student (2 Terms)
    - Aiding Professional Engineers in development of various automotive components
- Nova Scotia Community College
  - Five week work term
    - Fabrication of Ocean Technology's shallow tank platform

## Awards

- Sexton Scholar
  - Dalhousie University

# R.J. Robbins



## Professional synopsis:

I am an organized and personable professional, with a scientific aptitude, complemented by varied skills in Oceans Technology. I have strong report writing skills, specializing in technical reports which require interpretation of analytical data. I am regularly involved in field work, requiring detailed record-keeping of field observations and site conditions. Routinely, I am engaged with the general public, clients and children requiring excellent diplomatic and customer service skills. I have been complimented on my ability to collect, analyze and represent data with the use of graphing programs, Geographic Information Systems (GIS) and presentations. My work experience required strong management skills, as well as the ability to prioritize workflow when faced with conflicting deadlines. I have a passion for the Earth and its bodies of water, and seek to make a difference in this field. I expect to achieve this through my current studies in Oceans Technology.

## Objective:

- To find a job within the Oceans Technology sector as an Oceanographer and Environmental Scientist.

## Education:

- Nova Scotia Community College
  - Oceans Technology
- University of Windsor Ontario
  - Bachelors of Science Honours- Earth and Environmental Science

## Background:

- 8 year career as certified Canadian Yachting Association Sail Coach
- Marine stores employee, while teaching sailing and/or going to school
- Passionate about oceans, lakes and rivers, and seeking a career working on, and studying, these bodies of water

## Previous work experience / project experience:

- Tomecek Agronomic Services – Soil Scientist
  - Sediment coring
    - GPS mapping and data management,
    - GIS data presentation
- Southport Sailing Club - Head Instructor
  - Managed Sailing Program
    - Taught sailing fundamentals
    - Maintained sailboats, coach boats and school building
    - Managed 10 instructors
    - Customer interface for program
- Dave's Marine – Sales Associate
  - Ordered and sold marine merchandise, Customer service
- Dan's Nautical Shop- Sales Associate
  - Ordered and sold marine merchandise, Customer service

## Certifications:

- Canadian Yachting Association Coach Boat Safety
- Canadian Yachting Association CanSail 1, 2, 3, 4 Coach & Program Manager
- Standard First Aid & CPR Level C

# Sam Durling



## Professional synopsis:

I am an electronic engineering technician graduate from NSCC Kingstec with a communications background. Through working with Bell Aliant for the past 4 years I am adaptable and flexible to many different management styles. Working in this industry has made me very team-oriented and also able to work in many different weather conditions in various locations. I would like to further my career in working with electronics in the ocean technology sector. I would like to combine my love of adventure and eagerness to travel with a career in this field.

## Objective:

To find a job working in the electronic/ ocean technology sector where I can utilize my strengths and experience to help grow your organization.

## Education

Nova Scotia Community College

- Ocean Technology {Advanced Diploma} (2015 ongoing)
- Electronic Engineering Technician (2013-2015)
- Yarmouth Consolidated Memorial High School (Academic) (2011)

## Background:

Bell Aliant 4 years

- Fibre Optic Installations across Nova Scotia
- Fibre Optic Drop Crew across Nova Scotia
- Fibre Optic Training
- Spur/Ladder Training
- Pole-Top Rescue
- Power Safety (High Voltage Awareness)
- Defensive Driving

L.G Holdings 3 years (General Building Maintenance {Part-Time High School})

## Safety Certifications:

- Fall Arrest
- First Aid/CPR
- Rigging
- Confined Space
- OH&S, WHMIS
- SVOP
- Knot Tying
- MED A3

