

Zach Denny

Engineering Student

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I am currently halfway through an engineering degree at UPEI. I received my two-year diploma in April of 2016, in the discipline of engineering design. I will graduate from the degree program in April of 2019, with a focus in mechatronics. I am seeking employment at a place where I will be able to work and learn more about the engineering field. I will be available from the second week of May, until the end of August; with potential for part-time work following, if available.

EDUCATION

Kingswood University: (Sussex, NB)

Evangelism and Practical Ministry Diploma Program - 2017

GPA 4.0 (4.0 Scale)

University of Prince Edward Island: (Charlottetown, PE)

Diploma in Engineering Design – 2016

Bachelor of Science in Sustainable Design Engineering – 2019 (Projected)

GPA 3.9 (4.3 Scale)

Bluefield High School: (New Hampshire, PE)

High School Diploma - 2014

GPA 4.3 (4.5 Scale)

EXPERIENCE

Aramark Services: (Sussex, NB) 2016 - 2017

- Cleaned men's dorm areas each day
- Set-up facility for banquets
- Prepped food for meals and catering events

DP World: Engineering Student in Maintenance (Prince Rupert, BC), 2016

- Developed and modified Safety Operating Procedures for the maintenance department of the Port of Prince Rupert, DP World Port facility.
- Prepared Operating Manuals for mechanics to follow during regular procedures
- Researched, analyzed and communicated with vendors to purchase new equipment; including an industrial air compressor
- Prepared and presented reports in Microsoft excel and Microsoft word
- Designed and communicated with programmers to develop a computer program that dispatches workers automatically
- Audited all DP World WHMIS and MSDS records to ensure all records are up to date
- Screened resumes of Job Candidates, providing summary reports and background data

UPEI School of Sustainable Design: Teacher's Assistant, (Charlottetown, PE), 2015 – 2016

- Marked all design documents, papers, and project for Dr. Peters and Dr. Swingler for 1st year design courses (communication and analysis focused design classes)
- Assisted in student development in CAD projects (using primarily Solid Works programs)
- Supported and monitored student groups during build of projects

Camp Seggie: (Rice Point, PE)

○ Program Director: 2015 - 2016

- Worked with a co-director to run the camp program each week
- Planned, scheduled and facilitated all camp events and programs for up to 140 children each week
- Scheduled and oversaw the duties 30 staff and counselors

○ Aquatic Director & Head Lifeguard: 2013 - 2015

- Trained and oversaw the testing of all lifeguards
- Scheduled and supervised the duties of all lifeguards
- Maintained 2 pools, a waterslide and a Wibit
- Treated all of the aquatic facilities chemically

○ Counselor: 2009 – 2012

- Was responsible for the general safety and care of 8-10 children each week
- Taught the children in a variety of skills including: swimming, archery, rock-climbing, biking, bible devotional, etc.

Rise and Climb: Course Instructor and Guide (Cornwall, PE) 2014

- Secured customers to elements on course
 - Performed safety training with all customers
 - Performed course rescues for customers in distress
 - Demonstrated and taught skills to customers
 - Carried out course maintenance tasks
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DESIGN PROJECTS

Emergency Response Vehicle: Red Cross, September 2015 – Present

My 2nd year design team worked with Laura Montigny-Johnson of The Red Cross to customize a vehicle design for their new emergency response vehicle, which is now used for disaster relief around Prince Edward Island.

Toys for Kenya: Mikinduri Children of Hope, 2014 - 2015

My 1st year design team worked with Ted Grand of Mikinduri Children of Hope to design an educational toy for children in Kenya. The toy was designed so it could be fabricated with the limited resources in the small village of Thuuri, just outside of Mikinduri, Kenya.

SKILLS

SolidWorks: In first year design, SolidWorks tutorials were required. In all design projects at UPEI, CAD of the designs are necessary to present solutions to clients.

Lifesaving: I worked at both Camp Seggie and Rise and Climb as a Lifeguard. At Seggie, it was an Aquatic lifeguard, while at Rise and Climb it was a course lifeguard. Proper guidance and safety was incredibly important at both places, because of the high risk activities. I needed to always be attentive and use good communication.

Public Speaking: I was selected from Bluefield High School to participate in the skills PEI competition in public speaking. I also competed in the workplace safety presentation, earning a silver medal.

In the spring of 2014, I participated in the Rotary Youth Parliament. I was nominated and voted in to be the Leader of the Official Opposition Party. I guided my party, and gave speeches and debated against other members.

All of my previous jobs have required eminent communication skills; the high risk jobs especially. While working at camp Seggie, I would often be in front of up to 150 people, explaining what would happen next, or giving directives, or going over safety.

CERTIFICATIONS

- Bilingual (English and French)
 - Emergency First Aid and Standard First Aid
 - CPR and AED
 - Class 5 Driver's License
 - National Lifeguarding Society (NLS certified)
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AWARDS

- Engineering Analysis Award – UPEI
 - Academic Excellence Scholarship – UPEI
 - Deans' Honor's List – UPEI
 - High Honor's List – Bluefield High School
 - Student Council Award – Bluefield High School
 - Skills PEI Silver Medal & Scholarship – Bluefield High School
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REFERENCES

Harry Wilkinson – Manager of Engineering at DP World – (250) 627-2124 ext. (2203)

Bob Terpstra – Executive Director of Camp Seggie – (902) 314-564

Dr. Aitazaz Farooque – Professor that taught and supervised me at UPEI – (902) 566-6084

Phil Taylor – Pastor of Calvary Christian Church – (902) 314-5720

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#2071, ROUTE 19

FAIRVIEW, PEI

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To Whom it may concern,

I am writing to apply for an available position, for which I have enclosed my most up-to-date resume.

I consider myself as a highly capable Engineer in Training with an array of experience and credentials to support this statement. Complementing my diverse skill set, I have developed an excellent ability to problem solve, organize, manage, and lead others. I have demonstrated these abilities in both my work experience, and my education at UPEI; which I aim to finish in the Spring of 2019.

While pursuing my education, I have been recognized for my outstanding ability to work as part of a team. In high school, I served on student council as one of the class presidents. I also participated in several off-campus leadership training seminars, including CSLC and Encounters with Canada. I had the opportunity to captain every sports team that I played on throughout junior high and high school. In university I was the captain of a UPEI robotics team, which competed at UNB. All of the extracurricular activities which I was a part of put a bit of stress on my academic focus, however I was still able to manage my time and do well. In high school I graduated with a GPA of 4.3, while in university I maintained a 3.9. University has helped me learn a lot about time management, and stress management, while teaching me physics and math based applications with an emphasis on design and problem solving.

While attending UPEI, I had the opportunity to design a vehicle customization for The Red Cross. My design team and I implemented a new design for their emergency response vehicles, which is currently being used on Prince Edward Island for disaster relief. We worked on the design for seven months total.

As noted on my resume, I have been able to utilize my learning ability to first learn, and then teach others. While attending UPEI, I worked as a Teacher's Assistant. In this position I assisted the students in certain skills, and marked all papers and projects submitted to the professors. My previous summers have been spent working at Camp Seggie. I worked very hard and moved up in hierarchy over several years. Most recently I worked as the program director and aquatics director, in the summer of 2015. In the most recent summer, I was employed by a global freight company, based out of Dubai. I worked on their Prince Rupert location, as a student engineer under Harry Wilkinson. I did a lot of administrative tasks for Harry, as well as reports on: equipment to be purchased, applicants for jobs, and damaged equipment.

I am sure after appraisal of my resume you will see I am an individual with excellent potential in such an organization as this one. In addition to the skills listed, I also have an excellent work ethic and tenacious attitude. I look forward to hearing from you. Thank you for your consideration.

Sincerely,

Zach Denny