

Sean Mowrey

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Seanmowz.github.io

Student ID# 20704295



Skills

- **AutoCAD/SolidWorks/Vectorworks** designed and analyzed 2D/3D projects
- **Waterloo Formula Electric SAE** new member on powertrain design sub-team
- **Arduino/Raspberry Pi** developed & coded sensor based failsafe into production machines
- **Fast Learner** exemplified by self-studying AP Computer Science and Harvard CS50
- **JAVA/C/HTML/CSS/JS/Linux/Bash** completion of first year CS course, developed personal & ecommerce websites
- **Time Management** proven by graduating top 2% of class, while captain of AAA hockey team and holding a job
- **Team Player** 12 years of competitive hockey and working as a team

Experience

Production and IT / Scentuals Body Care, BC

JUNE 2016 – SEPTEMBER 2017

- Designed and implemented a failsafe into a production machine, saving weeks of downtime and costly repairs
- Coded and handled marketing for two ecommerce websites that have handled over \$100,000 in sales while staying secure and fast (scentuals.com and its predecessor)
- Operated machinery and provided manual labor on a production line manufacturing, packaging and shipping skin care products efficiently
- Analyzed and troubleshot malfunctioning production machines
- Implemented a customer service ticketing platform that increased response rates and customer satisfaction

Skating Instructor / City Of Burnaby, BC

AUGUST 2017 – APRIL 2017

- Used leadership skills to teach skating classes for kids and adults using proper technique
- Designed and organized class plans to help speed up the learning process and make lessons more efficient
- Assessed clients' ability and communicated constructive feedback bi-weekly

Operations / BestBuy, BC

MAY 2016 – SEPTEMBER 2016

- Provided excellent customer service through attentive listening and problem solving
- Promoted products to meet each customer's individual needs while making the company most profitable
- Operated point of sales and inventory tracking systems; handled end of day counts/balancing
- Trained new employees up to the cooperate standard

Extra-Curricular

- **Pacific StreamKeepers Federation** gathered and analyzed data on salmon streams
- **Member of Physics Olympic Team**
- **Vancouver Aquarium Gallery Assistant**
- **RCMP Academy** 1 of 50 students selected to take part in high stress scenario based training
- **National AP Scholar with Distinction** 4.0 GPA
- **Robotics Team** constructing a small robot to compete in a competition
- **Founder of Entrepreneurship Club** won most profitable JA company in BC
- **AAA Rep Hockey Team Captain**
- **Competitive athlete for past 12 years** played competitive hockey and baseball

Candidate for Bachelor of Applied Science

Exp. Graduation 2021/22

Honours Mechanical Engineering Student/ University of Waterloo, ON Canada

Interest

First Aid Certified Hockey Calgary Flames Investing PC Hardware Avalon Fitness