

# Sean Mowrey

<http://seanmowz.github.com> | 5796 Cedarwood, Burnaby, BC Canada  
smowrey@edu.uwaterloo.ca | 778.918.1026

## SKILLS

### TECHNICAL

CAD/FEA:

Solidworks • AutoCad • VectorWorks

Programming:

Java • C • CSS • HTML5 • Javascript •  
PHP • C++ for Arduino • MySQL

Software:

Microsoft Suite (Office Excel Powerpoint  
Outlook) • Linux • VirtualBox/VMware) •  
Adobe (Photoshop/Premier) • Git/Github

Soft:

Fast Learner • Hard worker • Team Player  
• Time Management • First Aid and CPR  
Certified • AAA Hockey Player

## LINKS

Github:// [seanmowz](#)

LinkedIn:// [sean-mowrey](#)

## EDUCATION

### UNIVERSITY OF WATERLOO

BASC IN MECHANICAL ENGINEERING

HONOURS CO-OP

Expected 2022 | ON Canada

University of Waterloo President's  
Scholarship

Advanced Placement Student (Completed  
Computer Science, Statistics, Biology and Micro  
Economics)

## AWARDS

Ken Spencer Engineering Scholarship  
Vancouver Canucks Alumni Scholarship  
Honour Roll and Principals List  
(2012-2017)

University of Waterloo President's  
Scholarship Top Student in Chemistry  
(2016)

## INTEREST & HOBBIES

Hockey

Calgary Flames (Sorry Toronto & Vancouver)

Investing

PC Hardware

Avalon

Hiking

Dogs (Ask me about mine)

## EXPERIENCE

### SCENTUALS SKIN CARE | PRODUCTION AND IT

Jun 2016 – Sep 2017 | Coquitlam, BC

- 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 troubleshoot malfunctioning production machines
- Implemented a customer service ticketing platform that increased response rates and customer satisfaction

### CITY OF BURNABY | SKATING INSTRUCTOR

Aug 2016 – April 2017 | Burnaby, BC

- 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

### BESTBUY | OPERATIONS/SALES

May 2016 – Sep 2016 | North Vancouver, BC

- 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

### WATERLOO FORMULA SAE ELECTRIC | POWERTRAIN MEMBER

Sep 2017 – Present | Waterloo, ON

New member on the Powertrain team building an electric race car. Worked on designing a test rig to test our half-shaft efficiency on a dyno. Now working on cooling system for motors and motor controller.

### PACIFIC STREAMKEEPER FEDERATION | VOLUNTEER MEMBER

Jun 2016 – present | Burnaby, BC

Member of the Deer Lake StreamKeepers. Our goal is to protect our creeks and streams. We gather data by checking pH levels, bug counts, soil test, Salmon counts and more. We then analyze our data to see if our stream is healthy.

### AAA REP HOCKEY TEAM CAPTAIN

12 years played of competitive ice hockey, lead team as captain

### VANCOUVER AQUARIUM VOLUNTEER

Volunteered as a gallery assistant at the Vancouver Aquarium

### RCMP ACADEMY

1 of 50 students selected to take part in high stress scenario based training

### PRESIDENT AND FOUNDER OF ENTREPRENEURSHIP CLUB

Created our own company and won most profitable JA company in BC