



Dawson Horvath

I AM AN ENGINEERING PHYSICS STUDENT WITH UNBRIDLED CURIOSITY, A PASSION FOR FIGURING OUT HOW THINGS FUNCTION, AND FOR APPLYING MY DESIGN KNOWLEDGE AND HANDS ON EXPERIENCE TO SOLVE USER AND LARGE-SCALE PROBLEMS.



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TECHNICAL EXPERIENCE

Streamline Transportation Technology, Kamloops — Developer and QA

APRIL 2018 – SEPT 2018

- Developed a complete Node/AngularJS web application used to maximize workflow by automating the strenuous manual procedure required over 400 times a month of decoding VINs then comparing them to a SQL company knowledgebase hosted on an express server to extract required information.
- Augmented existing QA automation by finishing incomplete Protractor scripts and extending previous framework helper classes.
- Collaborated with co-workers to find the best approach to solve issues or complications encountered during technical projects.

TECHNICAL PROJECTS – Website contains projects not listed on resume

ELECTRIC SKATEBOARD — Personal Project, JUNE 2017

- Designed, built and prototyped an electronic skateboard capable of carrying an average human with the purpose of routinely commuting.

DIY 3D PRINTER — Personal Project, JANUARY 2017

- Analyzed modern 3D printing technology to approach the problem of designing and building a 3D printer while minimizing the cost of production.

MAZE SEARCHING ROBOT — School Project, MARCH 2018

- Overcame the unique challenge to creatively solve the problem of building a micro mouse robot capable of successfully navigating a maze, searching for “cheese” and mapping the maze entirely.
- The project was completed with minimal instruction or direction.

NON-TECHNICAL EXPERIENCE

Olympia Ski and Cycle, Vernon — Bike Mechanic

APRIL 2015 - DECEMBER 2016

- lead mechanic managing bike repairs ranging from maintenance and small repairs to complete bike overhauls and builds.

SKILLS

DEVELOPMENT:

JavaScript • Node.js • AngularJS •
Java • HTML • CSS • C • SQLite •
Protractor • Jasmine • Arduino •
Express.js • Node.js •

HARDWARE:

AutoCAD • Hands on Mechanical
and Shop Experience • welding •
Machining • engine/small engine
repair • Prototyping personal
projects •

DESIGN:

Web Design • Photoshop •
Microsoft Office • Excel •
MATLAB •

AWARDS

•PRESIDENT'S ENTRANCE

SCHOLARSHIP, THOMPSON RIVERS
UNIVERSITY

•HPF Engineering Scholarship,

Top First Year Engineering
Student

•DEAN'S' LIST

•ENTERPRISE CONTEST WINNER BY
COMMUNITY FUTURES.

•APEG ENGINEERING SOCIETY
SCHOLARSHIP

•DISTRICT 22 PROJECT SCHOLARSHIP

•CONFERENCE ALL STAR LINEBACKER

•TOP SCHOLASTIC ATHLETE SD 22



Dawson Horvath

Auto Wrecker, Vernon — *Mechanic and Labor Worker*

AUGUST 2017 - OCTOBER 2017

- Improved yard organization and storage procedure to enhance company efficiency.

EDUCATION

Thompson Rivers University, Kamloops —
ENGINEERING TRANSFER PROGRAM

SEPT 2017 – APRIL 2018

- Dean's List - 4.33/4.33 GPA

University of British Columbia, Vancouver —
ENGINEERING PHYSICS - 2022

SEPT 2018 – PRESENT

PERSONAL WEBSITE

DawsonHorvath.me

INTERESTS

Hiking, Climbing, Mountain Biking,
Rugby, Badminton, Photography,
Mechanics, Motorcycles, Varsity
Football, Snowboarding.