



Dawson Horvath

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

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PROJECTS

ELECTRIC SKATEBOARD — Personal Project

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

DIY 3D PRINTER — Personal Project

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

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.

EDUCATION

Thompson Rivers University, Kamloops — ENGINEERING TRANSFER PROGRAM

SEPT 2017 - APRIL 2018

- Dean's List - 4.33/4.33 GPA

EXPERIENCE

Auto Wrecker, Vernon — Mechanic and Labor Worker

AUGUST 2017 - OCTOBER 2017

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

Olympia Ski and Cycle, Vernon — Bike Mechanic

APRIL 2015 - DECEMBER 2016

- Increased company profits by updating and managing the stores social media platform.

SKILLS

DESIGN:

Web Design • Photoshop •
Microsoft Office • Excel •
Networking / Social Media •

DEVELOPMENT:

HTML • CSS • C • Arduino •

HARDWARE:

Arduino • AutoCAD • Hands on
Mechanical / Shop Experience •

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

• BC ACHIEVEMENT SCHOLARSHIP

• TOP SCHOLASTIC ATHLETE SD 22

INTERESTS

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