

Roy Du Computer Engineering Student

3780 Dunbar Street, Vancouver, BC, V6S 2C9

Zeleidu@gmail.com | (403) 805 9798

TECHNICAL SKILLS

Programming

- Experience with C, C++, Java, Python, Verilog, and Assembly.
- Extensive knowledge of Git for version control

Microsoft Office Suite

- Certified Microsoft Office Specialist in Excel
- Extensive experience with Word, Excel, and PowerPoint

Hardware design

- Experience working with STM32, Arm MBED, Arduino, and Raspberry Pi.
- Breadboard prototyping and Altium PCP design

EDUCATION

University of British Columbia
Bachelor of Applied Science - Computer Engineering (83%)

Apr. 2023

ENGINEERING STUDENT TEAMS

Supermileage, University of British Columbia
Electrical team member

Sept. 2019 - present

- Designing and implementing Controller Area Network functionality in high efficiency 'urban' vehicle to cut weight and improve communications between vehicle systems.

Engineering Without Borders, University of British Columbia
Youth Venture team member

Sept. 2018 - Apr. 2019

- Organized outreach programs with local high schools and junior high schools to facilitate STEM awareness in youth.

VOLUNTEER EXPERIENCE

UBC Orientations, Vancouver, BC
Jumpstart Orientation Leader

Aug. 2019

- Worked on a team of student leaders to help create the best possible experience for incoming students.

VOLUNTEER EXPERIENCE

Electrical and Computer Engineering Student Society, Vancouver, BC
Computer Engineering Second Year Rep

Sept. 2019 – present

- Deals with second year student issues, and event planning and promotion.

Electronics Recycling Association, Calgary, Alberta
Computer Technician

Jul. 2018

- Prepared donated computers for recycling by stripping and sorting components.
- Bulk Windows and Software/Driver installation over network.

INTERESTS & ACTIVITIES

IoT development

Cooking

Snowboarding