

Danny Elizur

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Education

September 2022 - Present | The University of British Columbia | Vancouver, BC
BASc – Engineering Physics.

- 2023: Trek Excellence Scholarship Recipient
- 2022-2024: Dean's List

September 2017 - June 2022 | Prince of Wales Mini School | Vancouver, BC

- Earned a BC Certificate of Graduation
- June 2022: Prince of Wales Top Scholar Award

Work Experience

January 2024 – April 2024 | Electrical-Mechanical Engineering Intern | Canmora Tech Inc. | Richmond, BC

- Developed innovative improvements to a powder-bed fusion metal 3D printer prototype
- Modeled, prototyped, and tested various mechanical parts for use in the main 3D printer design

August 2020 - 2024 | Tour Guide | Vancouver Water Adventures | Vancouver, BC

- Leading kayak and paddleboard tours of False Creek and English Bay
- Teaching beginner kayak and paddleboarding classes

Projects

September 2025 – Present | Machine Learning Robot

- Training a robot in a simulated environment using computer vision and machine learning techniques, for a competition course.

October 2025 – Present | Lunar Greenhouse Levelling System

- Working with the Canadian Space Agency to develop a levelling system for a proposed lunar greenhouse.

May 2025 – August 2025 | Autonomous Robot Competition

- Designed and built a fully autonomous robot as part of a competition course.
- Developed circuit design skills, along with electrical and mechanical prototyping and troubleshooting.

Design Team

September 2025 – Present | UBC Biological Internet of Things

- Current instrumentation team member, working on designing a fully automated beer fermenter.
- Designing circuits and code for various sensors necessary to monitor brewing.

References available upon request.