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.**