LELAND SION

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SKILLS

Programming
C++, Java, Python, Linux, HTML5, CSS
Testing
JUnit
Cloud infrastructure
Amazon
AWS, MongoDB
Version control
GitHub
Data Analysis
SQL, MATLAB, Microsoft Office
Operating systems
Windows, macOS

COURSES

program design
Software lifecycle
algorithms and data structures
linked lists, vectors, C++
object-oriented programming
objects, methods, Java
intro to Unix and scripting
command line, administration
hierarchies, Python
theoretical foundations of computer science
logic, discrete mathematics
linear algebra
matrix transformations
calculus I-III
derivatives, integrals, 3d integrals

EDUCATION

B.S. in Psychology and Computer Science
University of Victoria Sept 2023-May 2025 (expected)
Victoria, BC, Canada
Computer Science Co-op Sept 2023-May 2025 (expected)

A.S. in Computer Science
Langara College Sept 2021-May 2023
Vancouver, BC, Canada

TECHNICAL PROJECTS

- **WasteWise Eco-Companion – March 2024**
- Collaborator
  - Built a competition-winning full-stack application from scratch that can analyze photos using AI image detection and determine the presence and category of garbage, by coordinating with a group of 3 university students from different universities for the Canada-wide TECHNATION AI for Sustainability Student Challenge where our team finished 1st place
  - Responsible for the design, training, testing and presentation of the AI component of the project
  - Coordinated with team members with Git to deliver the project
  - Project done in Python, HTML5, JavaScript, CSS, using React and Flask
  - Project was presented live in front of a panel of judges over Teams for the final pitch, was recognized for creativity and practical value
- **YouTubeToMP3 – June 2023**
- Creator
  - Built a converter that takes YouTube videos and converts them to MP3 files that are playable in a music directory
  - Built using Python HTML5 and CSS
- **Personal Website – June 2023**
  - Personal website that contains resume and portfolio
  - Built using HTML5 and CSS

VOLUNTEER EXPERIENCE

- **University of Victoria High Tech Career Fair – Feb 2024**
  - Coordinated with the university to help with event guests, collaborated with technical employers to help with presentations