

# HOUSTON LE

✉ [Houston.Le@hotmail.com](mailto:Houston.Le@hotmail.com) | ☎ 780-934-6057 | 🌐 [houstonle](https://github.com/houstonle) | 📄 [houston-le-650206239](https://www.linkedin.com/in/houston-le-650206239) | 🌐 [houstonle.github.io](https://houstonle.github.io)

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## Education

### University of Alberta

*Bachelor of Science in Computer Science*

- Jason Lang Scholarship, GPA: 3.44/4

Edmonton, Alberta

Sept. 2018 - April 2023

### Strathcona High School

*High School Diploma*

- AP Scholar with Honor

Edmonton, Alberta

Sept. 2015 – Jun. 2018

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## Experience

### Coop Work Experience Student

*Alberta Health Services*

Edmonton, Alberta

Sept. 2021 - Apr. 2022

- Learned the Resolute (Billing and Claims) module of 'Epic' within a short timeframe, enabling smooth implementation at AHS.
  - Worked collaboratively with the team to design and configure Resolute.
  - Resolved issues arising in the build and or configuration of the Resolute module.
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## Coding Projects

### CMPUT 401 - Financial-Planning [Group Project] | JavaScript, Python

- Developed a financial planning application in JavaScript and Python that offers end-users a goal setting and money management interface.
- Worked on developing and implementing various front-end components of the application
- Operated within a Scrum framework for the project, taking on the role of Scrum Master for the majority of the sprints. Responsibilities included facilitating meetings, monitoring progress, and identifying and removing obstacles

### CMPUT 379 - Client-Server / Monitoring | C++, groff

- Built a basic client-server architecture, allowing clients to connect to the server through TCP, send transactions to the server, and receive responses
- Created logs to track the activities of the server and clients
- Utilized groff to produce manual pages for the client and server programs

### CMPUT 379 - CLI shell interface | C++

- Designed and implemented a basic shell that accepts simple commands
- Parsed user input, forked the current process, and ran the user command
- Gained experience in process communication and running multiple processes

### CMPUT 301 - Gearbook (Android App) | Java

- Developed a mobile app that tracks gear purchases, allowing users to add gear, view and edit details of existing items, and delete items
  - Designed and implemented the app's user interface, including working on XML pages and using adapters to bundle data
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## Skills

**Languages:** Python, C/C++, Java, SQL

**Developer Tools:** Django, React and React Native, HTML, CSS, Tailwind, Expo

**Additional Skills:** Excel