

# Francois Low

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## Education

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### Memorial University of Newfoundland

*Bachelor of Science in Computer Science (Co-Op)*

**3.68/4.00 (GPA)**

*September 2018 – Present*

- Dean's List Faculty of Science 2018-2019
- Expected graduation: May 2022

## Technical Skills

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**Programming Languages:** Python, C, Javascript, Java, PHP

**Web development:** HTML/CSS, Bootstrap 4 framework

**Database:** MySQL

**Version control:** Git

## Projects

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**GITHUB REPOSITORY:** <https://github.com/francelow>

### Python applications

- **Receipt reader:** Image processing of paper receipts using OpenCV and Tesseract-OCR to parse paper receipts and output receipt contents into a text document.
- **Real Estate Valuation Android App:** Built a Keras model to predict house prices with real estate data and serve this model using RESTful API built using Flask. The Android app consume this RESTful API to provide an estimated valuation of the real estate.

### Java application

- **Ricochet Robots boardgame:** Worked in a team on a multi-stage Java-based project to create a boardgame. Process involving UML software design, project management, Code Maintenance and Testing

### HTML/CSS/Javascript/Bootstrap 4

- **Personal portfolio website:** Built a responsive personal website using HTML/CSS and Bootstrap.

### PHP/MySQL/Apache application

- **Stock image e-commerce website:** Built a full stack website utilizing PHP to communicate between the website and the database to deliver services to the users. Using Paypal API to deliver payment processing and sales accounting.

### C Multi-threaded simulations/coursework

- Simulation of farmers crossing a single lane bridge
- Simulation of teaching assistant tutoring students during office hour