

# Peter Pham

Ottawa, ON, Canada

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## Education

### Carleton University

B.S. COMPUTER SCIENCE

Ottawa, ON

Sept 2019 - Present

- Third Year Standing **11.9/12.0 CGPA (A+)** Dean's List
- Expected Graduation: June 2023

## Skills

**Languages** Java, JavaScript, Python, HTML5 / CSS3, Pug/Jade

**Methods** Agile Development with JIRA, Unit Testing, Version Control with Git and GitLab

**Frameworks** Struts2, OSGI, Hibernate, JUnit, Mockito, React-Native, ReactJS, Bootstrap, Express

## Work Experience

### Ross Video

SOFTWARE DEVELOPER

Ottawa, ON

May 2021 - Present

- Worked with MVC design and plugin architecture using Java and Struts to develop a back end that supports multiple cloud infrastructure products.
- Deployed regular bug fixes and features in Java to fulfill the requirements of several client product teams.
- Implemented a client ID and secret solution following OAuth2 best practices to secure an API.
- Wrote unit tests and integration tests using JUnit for 100% of new code and extended test coverage across 3 projects.

### Solink

QUALITY ASSURANCE ANALYST

Ottawa, ON

May 2020 - Aug 2020

- Developed and implemented a new tool for detecting missing transaction data to replace an existing manual test saving 6 hours per test.
- Helped update end to end automation tests to work with a redesigned product UI.
- Created new API tests using JavaScript to replace existing manual tests and familiarized tests with technically inexperienced team members to reduce certain test times from 4 hours to 30 minutes.
- Worked in an Agile environment to implement features and bug fixes in Typescript and JavaScript.

## Projects

### IMDB Clone

FULL STACK WEB APP | [GITHUB PROJECT LINK](#) | [LINK TO PROJECT WEBSITE](#)

Jan 2021

- Built a REST API using NodeJS and Express that allows adding movie reviews, contributing new movies, and following other people/users through interactions with a mongodb database.
- Used Bootstrap and Pug to dynamically render data objects.
- Designed algorithms in JavaScript to generate: movie recommendations, lists of similar movies for each movie, and frequent collaborators for each person.

### Fast Food Haven (CU Hacking uiPath Hack Winner)

FAST FOOD COUPON WEBSITE | [DEVPOST PROJECT LINK](#)

Jan 2020

- Built a fast food coupon web scraping web app that won best uiPath Hack at Ottawa's largest hackathon: CU Hacking
- Used uiPath, a Robotic Process Automation tool to scrape fast food coupon info from websites.
- Implemented Bootstrap and custom CSS to display coupons in a grid of cards with thumbnails and links for redeeming.

### Stock Viewer

REACT-NATIVE STOCK SEARCH APP | [GITHUB PROJECT LINK](#)

Jan 2021

- Using React Native, developed a mobile app that allows a user to search and browse stocks and add them to a watchlist.
- Users and their stock preferences are managed through a firestore database.
- Individual stock prices can be viewed as a graph with daily, weekly, or monthly time intervals.

## Community

### Holy Redeemer Catholic School

VOLUNTEER SOFTWARE DEVELOPER

Ottawa, ON

May 2017

- Used object oriented design principles to build an action script tower defense game using artwork from 3rd grade students.
- Game included modular towers, maps, and projectiles and was ported to a BlackBerry tablet.