

Carl Alvares

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Education

University of Toronto

BSc in Computer Science

GPA: 3.41/4.00

Expected May 2021

Toronto, ON

Skills

Languages:

Java, Python, JavaScript

VBA, Swift, C, SQL

Frameworks:

Spring, Flask, Express, iOS

Tools:

jOOQ, Git, JIRA, Bash/Terminal

Coursework

Databases and Web Applications

Software Engineering

Software Design

Systems Programming

Human-Computer Interaction

Theory of Computation

Awards

Dean's List Candidate

James Mason EECS Medal

RBC Scholarship for Children

Links

GitHub: [carlalvares](#)

LinkedIn: [carlalvares](#)

Experience

CaseWare

Sep 2018 – Aug 2019

Software Developer Intern

Toronto, ON

- Developed features for **Analytics.AI**, a CaseWare Cloud auditing product that automatically conducts accounting tests on client data
- Implemented APIs using **Java** and **Spring** to provide requisite data to consumers. Made bug fixes to the various microservices that make up the Analytics.AI back-end
- Designed and utilized **PostgreSQL** queries using **jOOQ** in order to retrieve requisite data in the most efficient manner
- Added functionality to libraries used throughout CaseWare using **Java**, reducing code duplication and increasing maintainability

Alamos Gold

May 2017 – Aug 2017

Technology Analyst Intern

Toronto, ON

- Developed a project tracking application using **Excel VBA**. Utilized **Excel UI** elements to provide a front-end to users. Reduced inefficiency by eliminating overlapping work and identifying redundant tasks
- Revamped company network monitor solution, making use of filters, mailing lists and thresholds to reduce unwanted alerts by **80%**

Projects

SubTrakt JavaScript

- Built a Chrome extension to help users keep track of their subscriptions and get reminders when they are due
- Won **third place** at **HackNYU 2019** in the Financial Empowerment track

Course Website Python, Flask, SQLite, JavaScript

- Developed an alternate website for courses at my school where instructors and students can create accounts, log in, and view or update information important to them

Fanlinc Python, Flask, PostgreSQL, JavaScript

- Created a social network for cosplayers and fans to create accounts, make a profile, connect with each other and share posts to a news feed

PhotoTagger Swift

- Created an iOS application to automatically generate tags for a given image using the Imagga API