

# Carl Alvares

www.carlalvar.es | carl.alvares@mail.utoronto.ca | 416-700-0099

## Education

### University of Toronto

BSc in Computer Science

GPA: 3.45/4.00

Expected Dec 2021

Toronto, ON

## Skills

### Languages:

Python, Java, JavaScript

SQL, Cypher, C, VBA

### Frameworks/Libraries:

Spring, Horizonte, Flask

React, jOOQ

### Tools:

Git, Jira, Unix Shell, AWS

## Coursework

Data Structures

Algorithms

Computability and Complexity

Software Engineering

Engineering Large Software Systems

Functional Programming

Databases

Computer and Network Security

## Awards

James Mason CS Medal

RBC Scholarship for Children

## Links

GitHub: [carlalvares](#)

LinkedIn: [carlalvares](#)

## Experience

### Amazon

May 2021 – Aug 2021

Software Development Engineer Intern

Vancouver, BC

Detail Page Architecture Team

- Designed a framework for collecting and rendering debugging information in any Amazon retail page powered by the next-generation **Server Experience Assembler (SXA)** architecture
- Implemented aforementioned framework in the **SXA microservices** using **Java** and **Horizonte**
- Used **Java** and aforementioned framework to collect and render layout information for Amazon retail pages, which is a feature that will be used by **over 200 other engineering teams** at Amazon

### CaseWare

Sep 2018 – Aug 2019

Software Developer Intern

Toronto, ON

AnalyticsAI Team

- Used **Java** and **Spring** to implement APIs in the **AnalyticsAI** product to retrieve and process financial data from a **PostgreSQL** database in order to conduct auditing tests and flag suspicious entries
- 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 management application using **Excel VBA** macros to identify redundant tasks for the IT department

## Projects

### Fanlinc

2019

- Created a social network for cosplayers and fans using a **Java** and **Spring** back-end with a **Neo4j** graph database, allowing users to create accounts, make profiles, connect with each other and share posts to a news feed
- Utilized **JavaScript** and **React** for the front-end

### SubTrakt

2019

- Built a Chrome extension using **JavaScript** to scrape billing dates and prices for subscription services in order to track commitments and send alerts when bills are due
- Won **third place** at **HackNYU 2019** in the Financial Empowerment track