

CULLEN PU

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EDUCATION

University of Toronto

B.S. Majors in Computer Science & Statistics

Sep 2018 – May 2022

Toronto, ON

- **GPA:** 3.76 / 4.0 (Dean's List Scholar)
- **Coursework:** Web Development, Databases, Machine Learning, Algorithms, Operating Systems

SKILLS

Languages Python, Java, JavaScript, C, Shell Scripting, HTML/CSS, SQL, SAS, R

Technologies AWS, React, Node.js, Express, Flask, PostgreSQL, ElasticSearch, Android, Git

EXPERIENCE

Amazon

Software Development Engineer Intern

May 2021 – Aug 2021

Vancouver, BC

- Working on the AWS RDS Backups team on the point-in-time recovery feature

University of Toronto

Teaching Assistant - CSC148: Introduction to Computer Science

Jan 2021 – Apr 2021

Toronto, ON

- Led weekly labs of 30+ students in coding activities on topics such as OOP, recursion, trees, and linked lists
- Created and taught course material slides, provided students with additional problems, and held office hours

Apothecary.ai

Software Engineer Intern (Part Time)

Sep 2020 – Dec 2020

Toronto, ON

- Worked on the development of a new React-based frontend and used a mobile-first design approach
- Deployed a recommendation feature to offer personalized skincare routines based on a quiz

State Street Corporation

Data Analyst Intern

May 2020 – Aug 2020

Toronto, ON

- Developed a suite of Elastic Stack deployment scripts using Python and Bash to reduce deployment time and automate the migration of 150+ user accounts
- Implemented a cron utility integrating custom Logstash pipelines on AWS S3 with the ElasticSearch cluster, providing a new monitoring solution to client applications
- Designed Kibana dashboards and provided their access to over 40 teams by building a backend tool to import and export dashboards

PROJECTS

Jinx

- Web application built with the MERN stack designed to help students and young adults streamline their job search by tracking applications, job postings, and connections
- Set up login and sign up routes with authentication middleware, session cookies, and bcrypt password hash

Drift

- Lightweight, dependency-free JavaScript carousel library which can be used standalone or as a background
- Uses DOM manipulation to create images and features configurable appearance, captions, and indicators
- Received 100+ downloads on NPM in the first week of release

Politician Game

- Used Java in Android Studio to create a game with support for login, leaderboards, and global themes
- Followed the MVP architecture with a focus on SOLID design principles to produce clean, extensible code

MISCELLANEOUS

Leadership CSSU Student Mentor & Orientation Leader, Department of Computer Science Ambassador

Interests Photography, Videography, Graphic Design, Fashion, Pickup Basketball, Trying New Foods