

Yizhang (Tiger) Cao

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EDUCATION

CARLETON UNIVERSITY

BACHELOR OF COMPUTER SCIENCE

MOBILE COMPUTING STREAM

April 2021 | Ottawa, ON

Cum. GPA: 11 / 12

Major GPA: 11.2 / 12

LINKS

Github: [tigercao1](#)

LinkedIn: [yizhang-tiger-cao](#)

YouTube: [Tiger Cao](#)

DevPost: [TigerCao](#)

SKILLS

PROGRAMMING

TypeScript • JavaScript • Python • Swift

HTML5 • Sass • Java

TOOLS AND FRAMEWORKS

MySQL • React • Jest • Git • Apollo

GraphQL • REST • GitHub

PROJECTS

SLACKER | REACT PROJECT

February 2021

A web app to keep track of your productivity and the amount of slacking as well

THE SHOPPIES | REACT

PROJECT

January 2021

Responsively designed and implemented OMDb Movie database UI for movie nominations

AWARDS

Carleton University Entrance Scholarship

Lester Bowles Pearson Scholarship

Frederick William Baldwin Scholarship

2017-2021 Dean's Honor List

EXPERIENCE

SHOPIFY | FRONTEND DEVELOPER

May 2021 - Present | Remote

- Implemented features with React TypeScript and written unit tests and end to end tests in Jest according to needs
- Championed cross platform bug hunts and triaged issues before project release
- Provided detailed feedback as well as nit-picking comments during PR reviews and ensured the quality of code being shipped by peers
- Actively communicated needs and blockers within team, cross teams, cross organizations when needed and resolved them in a timely manner

SOLACE | JUNIOR SOFTWARE DEVELOPER

May 2020 - August 2020 | Ottawa, ON

- Implemented a REST Controller in a Spring Boot microservice
- Added dependency injection to improve code performance
- Implemented features in a React single page application using React hooks and functional components

TREND MICRO | JAVA SOFTWARE DEVELOPER INTERN

January 2019 - April 2019 | Ottawa, ON


- Constructed Jenkins pipeline from scratch using Groovy that deploys production version product onto a Kubernetes cluster and performs upgrade test before an upgrade is rolled out
- Greatly Improved deployment flow by automating manual pre-upgrade tests, upgrade process and post-upgrade tests

SOLACE | JUNIOR SOFTWARE DEVELOPER

May 2018 - December 2018 | Ottawa, ON

- Developed single page application using Aurelia JS Framework
- Implemented a Cloud formation template that utilized Cloud Front and Route 53 for API routing and load balancing, enabled static website hosting on S3 bucket
- Implemented Rest endpoint to update service name, service parameters, retrieve service specifications and create new services involving JPQL and MySQL

EXTRA CURRICULAR ACTIVITIES

- Won general category 3rd place at CU Hacking 2018 
- Developed a Python Cat and Mouse game using BFS, DFS and A* heuristic search algorithms
- Participated in the design and implementation of a real-time currency exchange rate IOS application using MVVM design pattern and published on the App Store