

Yuchen Zhao

Web Engineer



EMAIL Yuchen@yuchenz.net

PHONE 647-569-2065

WEBSITE Yuchenz.net/profile

GITHUB github.com/yuchenz

WORK EXPERIENCE

Ada Support Inc Full-stack Developer

Aug 2019 - Present | Toronto, Canada

Ada is a fast growing AI chatbot company. I joined the company during its hypergrowth phase and have developed products that assisted the company grew by more than 100% since 2019.

- Developed and owned frontend of our analytics reports product, the code is made modular and extendable which minimized time required to add new reports.
- Implemented components for our new web messenger UI that supports dark & light theme and customizable theme color, using styled component theme.
- Developed extendable backend architecture (Using OOP, Facade pattern) to integrate our bot into multiple social channels, such as FB Messenger, WhatsApp and Twilio SMS.
- Interviewed and onboarded new team members.
- Wrote documentation and code comments to improve readability and minimize onboarding time for new teammates.

Ada Support Inc Full-stack Developer Intern

Sep 2018 - Dec 2018 | Toronto, Canada

- Developed UI for the second version of our analytics reports product using C3.js and React Table library.
- Helped our largest client, Telus, built their custom bot and worked with Telus team to integrate with their internal APIs.

IMS Software Developer

Jan 2017 - Apr 2017 | Waterloo, Canada

- Developed Python code that achieved 95.6% accuracy on detecting harsh acceleration of cars using sensor data from smart phones, exceeding client expectation.
- Built parallelized data analysis code on top of Hadoop file system that worked with hundreds of TB of data.

Intact Corp. R & D Developer

May 2016 - Aug 2016 | Montreal, Canada

- Built modular and extendable backend code using Java Springboot framework that powered our chatbot prototypes built with Wit.ai, Dialogflow and Alexa SDK
- Prototyped Andoird Application that extracts user information from driver's licence using Tesseract OCR library

LANGUAGES

JavaScript, CSS, HTML, Python, TypeScript, SQL, Java, ClojureScript, Bash

FRAMEWORKS/TOOLS

React, Redux, Next.js, Socket.io, Android SDK, Jest, Flask, MySQL, MongoDB, Github

Design Tools

Figma

Other Skills

Linux CMD, Vim, Agile Development, Hosting/DNS setup, Jetbrain IDEs, MS Office

EDUCATION

University of Waterloo

2014 - 2019

BASc, Computer Engineering, Honours, Co-operative Program, Graduated With Distinction