Victor Zheng

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TECHNICAL SKILLS

- Python, Go, C, JavaScript, HTML, CSS
- AWS, React, React Native, Git, Node.js, Firebase

EXPERIENCE

Junior Developer | May 2021 - Aug 2021
1Password

- Developed tools for account administrators using **React**, **TypeScript,** and **Go**
- Led the development of the Slack Integration **OAuth 2.0** flow, and **OAuth 2.0 with PKCE flow** for an upcoming integration, preventing against CSRF and authorization code injection attacks for over 7,700 daily active accounts
- Restructured tightly coupled custom group permissions, resolving customer complaints for accounts totalling more than 1,400 users

Business Director | Sep 2020 - Present
WATonomous, 50 Member Student Design Team

- Leading the business division for WATonomous, responsible for marketing, sponsorship, and finance
- Prepared sponsorship proposals and raised over $30,000 in the past year
- Contacted and provided information for a variety of media, resulting in features on UWaterloo news
- Spearheaded discussions with large tech companies, resulting in multiple recruitment partnerships for WATonomous

Software Development | Jun 2018 - Aug 2018
conversationHEALTH

- Built a healthcare chatbot with 20,000+ peak active subscribers using **JavaScript** and the Botpress Development Framework
- Trained chatbot with natural language processing capabilities using the RASA Framework
- Implemented 60+ new conversational flows with varying health topics into the chatbots

PROJECTS

Fread | Apr 2021 - Present

- Created a mobile app that allows users to scan and learn how to pronounce words from photos using **React Native** and **Firebase**
- Implemented scanning and detection of words within images through expo-camera and **Cloud Vision API**

BadGIF | Feb 2021

- Built a discord bot using **Python** that analyzes the sentiment of discord messages sent and sends GIFs conveying the opposite of the sentiment shown
- Developed a web app using the **MERN stack** to view previous messages analyzed on the discord bot and the sentiments attached to them

ohmi | Jan 2021

- Created a web app that allows users to synchronously send personalized favours to their friends using **React** and Ant Design
- Authenticated and stored user data using **Firebase** so users' favours can be tracked and updated in real time

CERTIFICATES AND ACHIEVEMENTS

- AWS Certified Cloud Practitioner
- Google Data Analytics Certificate
- 2nd out of 8 teams - SAE AutoDrive Challenge presented by General Motors and SAE
- 3rd out of 20 teams - FraserHacks 2019
- Top 32 out of 200 teams - IPPF essay competition presented by New York University

EDUCATION

University of Waterloo | Expected graduation: Apr 2025
Bachelor of Computing and Financial Management

- Cumulative Average: 94.1%