

# Victor Zheng

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## EXPERIENCE

### Sponsorship Manager | Sept 2020 - Present

WATonomous, 80 Member Student Design Team

- Prepared applications and raised \$27,800 in funding in five weeks
- Reviewed and approved purchase and funding requests through JIRA tracking system
- Assessed reasonability for purchase requests of all members to ensure sponsorship money is handled correctly

### Software Development Intern | June - Aug 2018

conversationHEALTH

- Built a chatbot with over 20,000 peak active subscribers using JavaScript and the Botpress Development Framework
- Trained chatbot with natural language processing capabilities using RASA Framework
- Implemented over 60 new conversational flows with varying health topics into the chatbots
- Used SQLite to manipulate user data and send notifications

### Head of Finance | Sept 2018 - June 2020

Team 4308: Absolute Robotics

- Controlled budget and finances for a robotics team of over 100 members
- Spearheaded fundraiser events, with over \$1,000 in revenue for the team
- Contacted and negotiated with sponsors, achieving over \$10,000 in funding for the team

## ACHIEVEMENTS AND CERTIFICATES

- 6th out of 826 teams in picoCTF cybersecurity competition
- 1st place out of 1227 teams in North Atlantic Region DECA Stock Market Game challenge
- Top 32 of 200 teams internationally for the IPPF essay competition presented by the Brewer Foundation and New York University
- AWS Certified Cloud Practitioner

## EDUCATION

### University of Waterloo | Expected graduation: Apr 2025

Bachelor of Computing and Financial Management

- Cumulative Overall Average: 97.4%

## PROJECTS

### BadHabits | 2020

- Built [software](#) that automatically sends embarrassing tweets on the user's behalf if they spend too much time on social media
- Created front-end and dashboard to track your time spent on applications using React and Bootstrap

### AllerVision | 2019

- Built a [mobile app](#) that scans food using Google's Vision API and determines potential allergies
- Designed front-end and photo-taking capabilities using expo.io and React Native
- Integrated web scraping for ingredients with Python and Edamam API

### Globlate | 2019

- Created a [web app](#) for individuals that speak different languages to communicate online with each other using their own language
- Authenticated and stored user data using Firebase who can then create chat rooms
- Enabled cross-language translations in chatrooms using Google Translate API

### Meshform | 2019

- Developed a [mobile app](#) that enabled easier distribution of data during First Robotics Competition events
- Integrated ability to transmit data through scanning of generated QR codes as opposed to via internet
- Third place at FraserHacks 2019 out of 20 teams

## TECHNICAL SKILLS

- Python, Java, Javascript, C#, MongoDB
- AWS, React, Git, React, Node.js