Zheng Chen

Bachelor of Computer Science / Software Engineering Option, University of Waterloo

🎓 Contacts

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📄 Personal website

🐙 GitHub

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🖥️ Languages

Python	NodeJS
C/C++	Ruby on Rails
C#	Java
Bash	Groovy

🔨 Tools

☁️ Cloud: AWS, GC

🚀 DevOps: Mesos, Kubernetes

🛠️ Release: Jenkins, Docker

📝 DB: MySQL, SQLite, DynamoDB

🤖 NLP: AVS, Dialogflow

🕶️ VR/AR: Unity

☀️ Interests

- Backend Development
- Production/Release Engineering
- Applied Crypto, Privacy, Security

🎓 Educations

- University of Waterloo
  Waterloo, ON 🇨🇦
  Jan 2014 – Apr 2019 (Expected)
- Australian National University
  Canberra, ACT 🇦🇺
  2016 (One–semester Exchange)

🏅 Awards & Extracurriculars

- Exchange to Australia – 2016
- David Johnston International Experience Awards – 2016
- Ontario University Fairs – 2015
- UW President's Scholarship – 2015
- Math/ELAS Scholarship – 2015

👷 Experiences

Software Developer Intern – Transaction
Yelp, San Francisco   May – Dec (expected), 2018

- 🚀 Standardized and revamped development & deployment workflow for Yelp services, shortening the time consumed by almost 60%
- 🐳 Fully dockerized tests executions for Yelp services, allowing tests being executed on an internal distributed testing framework – Jolt
- 🎮 Used docker-compose to construct a highly configurable playground tool for easy development purposes

Backend Software Developer Intern – Shipping Team
Shopify, Ottawa   Fall, 2017

- 📦 Polished Shopify's backend Shipping API service, with new carrier integrations, and stability & performance improvements
- 🐶 Revamped several monitoring alerts & metrics in Datadog offering a better anomaly detections
- 💎 Acquired comprehensive knowledge on Ruby on Rails framework and its popular libraries

Innovation Software Developer – Innovation Centre
The Weather Network, Oakville   Spring, 2017

- 💡 Brainstormed and incubated new design ideas inspired by new–born technologies
- 🤖 Implemented and deployed large-scale distributed RESTful API applications to generate readable text based on weather conditions
- 🔍 Analyzed and enhanced several in-house RESTful API projects – improved searching algorithms & performance, researched and designed new SOA such as micro services

📚 Projects

🤖 Alexa UW Assistant

- Developed a very first front-to-end UW campus related Alexa skill using UW Open API and Amazon Voice Services
- Created a compact and highly-scalable NodeJS express backend API service to power the skill
- Acquainted with the thriving Voice Assistant field including some other platforms such as Siri, Google Assistant, and Cortana