

Zheng Chen

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<https://www.zhengchen.info/>

RELEVANT EXPERIENCE

Software Developer (Co-op)

September. 2017 – December. 2017




Shopify, Ottawa, ON, Canada

-  Perfected Shipify, Shopify's backend shipping API service, with new carrier integrations, re-factorizations (performance & scalability improvements), and bug monitoring (using Datadog, Bugsnag, Splunk, etc.)
-  Introduced new features in Shopify core project related to shipping services
-  Acquired comprehensive knowledge in Ruby on Rails framework and object-oriented programming & design through online courses, applications, and peer communications

Innovation – Software Developer (Co-op)

May. 2017 – August. 2017



The Weather Network, Oakville, ON, Canada

-  Brainstormed and incubated new design ideas inspired by new-born technology – VR (Google Daydream using Unity), Personal Assistant (Amazon Alexa skill, Action on Google), etc.
-  Implemented and deployed large-scale distributed RESTful API applications to generate readable text based on weather condition, which was available to all voice assistant platforms
-  Analyzed and enhanced several in-house RESTful API projects – redesigned the searching algorithms, improved API performances, researched and designed new SOA such as micro services

Quality Assurance (Co-op)

September. 2015 – December. 2015

RL Solutions, Toronto, ON, Canada

-  Developed and executed test plans, including new testing deployment and regression test, for RL 6 suite
-  Cooperated with Implementation team to offer installation and configuration, and follow-up issues

EDUCATION

Candidate for Bachelor of Computer Science / Software Engineering Option, *University of Waterloo*, Waterloo, ON

Jan. 2014 – Present




Current Level: 3B, GPA: 88.33%

Exchange Program, *Australian National University*, Canberra, ACT, Australia

July. 2016 – December. 2016

Relevant Project:

<https://github.com/chenzheng950220>

- Alexa UW Assistant  (Node.JS, AWS)
 - ✓ Implemented and advanced the very first comprehensive Alexa “skill” to answer campus-life questions, using AWS Lambda, Route 53, EC2
 - ✓ Experienced the full Software Development Life Cycle (SDLC) through planning, analyzing, designing, prototyping (implementation), testing, and maintenance
 - ✓ Acquainted with the thriving Voice Assistance field, and grasped server deployment experiences
- Note-Hero  (JavaScript, ReactJS, Python, Microsoft Cognitive Service)
 - ✓ Took advantage of Microsoft's cognitive service API (Text Analytics) to detect keywords, sentiment, and possible topics based on raw input
 - ✓ Learned the ReactJS through development, and discovered the efficiency, flexibility of the library
 - ✓ Contributed as one member during teamwork – exchanged inspirations on initial ideas, made plan and conquer difficulties together, then summarized potential improvements from first hackathon
- Personal Website  (HTML, CSS, JavaScript, Bootstrap) <https://www.zhengchen.info/>
 - ✓ Acquired fundamental skills in webpage development through self-learning online courses
 - ✓ Adopted Bootstrap Framework to power front-end design of the website

ACTIVITIES & INTERESTS

UofTHacks 2017, QHacks 2017, McHacks 2017

Winter, 2017

University Global Engagement Leadership Program (GELP) Volunteer

Winter, 2017

University of Waterloo Ambassador. Ontario University Fair (OUF)

October, 2015