

Zheng Chen

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

RELEVANT EXPERIENCE

Innovation – Software Developer (Co-op)

May. 2017 – August. 2017

The Weather Network, Oakville, ON, Canada

- Brainstorm and incubate new design ideas inspired by new-born technology – VR (Google Daydream using Unity), Personal AI Assistant (Amazon Alexa using cognitive analysis), etc.
- Implement prototypes then collect feedback, and enhance design from the cycle
- Create large-scale distributed application that integrate to several APIs, such as Facebook, Twitter, etc.
- Utilize open source big data tools such as Hadoop, Apache Flume to build insights from user information in web server logs

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
- Offered suggestions to Product Management and Development team per testing outcome and progress
- Cooperated with Implementation team to offer product installation and configuration to clients, and record follow-up issues from clients

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

Area of Interest:

- Algorithm design and Data Abstractions
- Backend Development: Scripting language (Python, shell, JavaScript), Database Management (PostgreSQL, MongoDB), Object-Oriented Programming (C, C++), Applied Cryptography
- Mobile Development: Apple Devices (SWIFT), and cross-platform development

Relevant Project and Modules:

- 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 of Waterloo Ambassador, Ontario University Fair (OUF)

October, 2015

University Global Engagement Leadership Program (GELP) Volunteer

Winter, 2017