

Zheng Chen

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RELEVANT EXPERIENCE

Software Developer (Co-op)

May. 2017 – August. 2017 (Scheduled)

The Weather Network, Oakville, ON, Canada

- 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

Procurement Manager

Jan. 2015 – April. 2015

Zhengzhou Central Hospital, Henan Province, China

- Negotiated with contractors during procurement process to determine the best price and service
- Discriminated and compared products among various companies to determine the best equipment purchase
- Collected and reported latest market data to assist Financial Department estimating budget

EDUCATION

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

Jan. 2014 – Present

Current Level: 3B, GPA: 88.33%

One-semester 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, Command-line Tools), Relational Database Management & Design (PostgreSQL), Object-Oriented Programming (C, C++), Applied Cryptography
- Mobile Development: Apple Devices (SWIFT), and cross-platform development

Relevant Project and Modules:

- 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 enjoyed 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
- Flood It (SWIFT), ChineseChessGame (SWIFT, Ongoing)
 - ✓ Gained full-stack game development experience using SWIFT and Sprite UI Kit
 - ✓ Demonstrated the advantage of Object-Oriented Programming, and MVC design pattern
- Personal Website (HTML, CSS, JavaScript, Bootstrap) <https://www.student.cs.uwaterloo.ca/~z274chen/>
 - ✓ 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