

Yu-Ching Chen

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Education

University of Toronto St. George Campus

class of 2016

- Hons. B.Sc.
 - Computer Science Major (computer systems focus)
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Technical Skills

- C/C++
 - Bash
 - Network/OSI Layers Protocols
 - Java
 - Unix/Linux
 - SQL
 - Python
 - Assembly
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Professional Experience

Software Developer

IBM Systems

Jan 2017-Present

- Working in distributed systems (Platform LSF), creating tools to help QA and reading large codebase to get better acquainted with 25 years of features
- With many design patterns and optimizations in mind, implemented stress programs and test frameworks interacting with LSF's Apis in C++. Working with shared libraries and archives with many linker options to compile optimized binaries that allow various platforms and link C libraries with C++
- Extensive use of GDB to debug various platforms from x86-64, ppc64le, ARM64
- Wrote many scripts in bash and python to automate many everyday tasks
- Participated in scrum cycles, keeping up with product features & progress
- Great communication to catch and solve any problems

Junior web developer

June 2011-Sept 2011

411.ca

- Created PHP scripts running on a Selenium Server
 - Set up localized server for testing
 - Back end web testing on localized server and production
 - Active part of development, engaged in sprints
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Projects

[Fault tolerant chat server \(software engineering\)](#)

- Written in C, with stateless connection in linux
- TCP connection to location server and chat server
- New thread for each UDP connection to each chat room joined
- Agile development, user experience in mind when designing features