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)

Technical Skills

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

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.
- ➢ 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++. Done completely serverside with vim as the editor.
- ➢ 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 swiftly

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

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