Yu-Ching Chen

7 Concorde Place - M3C 3N4 - Toronto - (416) 906-5378

yuchen7990@gmail.com

http://yuch7.github.io

Education

University of Toronto St. George Campus   class of 2016

➢ Hons. B.Sc.
➢ Computer Science Major (computer systems focus)

Technical Skills

➢ C/C++   ➢ Unix/Linux   ➢ Network/OSI Layers Protocols

➢ Java   ➢ SQL   ➢ Ruby

➢ Python   ➢ Assembly   ➢ Haskell

Professional Experience

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

[Drink Mixer (embedded software)](#)

➢ C++ code to communicate to arduino using serial usb
➢ Arduino code written in C to communicate to ATtiny45 by I^2C bit banging
➢ ATtiny45 written in assembly to schedule motor controls to mix drinks

[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
➢ Fault tolerant to ensure user experience

Messaging chat server (software engineering)

➢ Created personas, CRC cards, database schemas to requirements
➢ As scrum master, talked through issues and assigned priorities
➢ Created framework for group to implement in Java