Hanchen Wang

(647) 268-8556 | Software Engineer
hanchen.wang@gmail.com

Skills

Python, C, C++, Go, JS
Web (ReactJS, Avro, Thrift)
Databases and Infrastructure
English, French and Mandarin

Relevant Coursework

CSC491 - Capstone Design Project
CSC485 - Computational Linguistic
CSC458 - Adv. Computer Networks
CSC454 - The Business of Software
CSC443 - Database System Technology
CSC411 - Machine L. & Data Mining
CSC401 - Natural Language Processing
CSC373 - Algorithm Design & Analysis
CSC372 - Microprocessor Software
CSC369 - Operating Systems

Event Planning

CSSU x Overbond Hackathon

Summer 2016 ‖ Event organizer
Fintech hackathon with Overbond

Computer Science Frosh

Summer 2016 ‖ Event organizer
Computer Science frosh at UofT

Hobbies

Books, food, and coffee

Education

University of Toronto

June - 2018 ‖ Innis College
(Hon) Bachelor of Science
Computer Science Specialist

Links

hanchenwang.com
github.com/g3wanghc

Work Experiences

Software Engineer

July 2017 - Future ‖ Uber - San Francisco
Hadoop Platform - Data Infrastructure part of the Core Infrastructure group.

SWE Intern

Summer 2017 ‖ Uber - San Francisco
Software Engineer Intern on the Hadoop Platform team - production systems to ingest and process data for massively large data sets. Lead the initial design and development of the automated pipelines creation platform. Developed the API, metastore, and UI/UX of the external data ingestion platform. Refactored and added additional functionalities to the topics/schema-tool. Developed an alert and job tier management tool interfacing with graphite, grafana, and the internal alerting system.

President

2016 - 2017 ‖ CSSU - UofT
President of the Computer Science Student Union, representing over 1200 CS students at the University of Toronto St. George campus.

Student - Intern

2016 - 2017 ‖ OICR - MaRS
Application Support/Developer Intern - Ontario Institute for Cancer Research. Developed the new IT Helpdesk system using Jira Service Desk to replace the legacy ticketing system. Developed scripts to translate XML files, system events, and log correlation of network events. Maintained the Intranet in SharePoint, and develop new tools using Django.

PHP Developer - Intern

2015 - 2016 ‖ ALM - Toronto
PHP Developer Intern. Developed new features in the client facing product as a full stack developer (LAMP). Updated security requirements and compliancies. Collaborated with the business intelligence team to implement A/B tests, and ran targeted email campaigns with dynamically created templates using Twig.

Projects and Contributions

Hugo

Contributor - 2016 ‖ gohugo.io
Hugo is a static website generator written in Go. Contributed the auto-expiration feature, including template functions, site variables, build commands, refactoring the build process, table driven testing, and documentation.

Cobalt UofT

Contributor - 2016 ‖ cobalt.qas.im
Cobalt is a collection of open data APIs to interface from the University of Toronto in their applications or services.