

Hanchen Wang

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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

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 cocktails

Education

University of Toronto
June - 2018 || Innis College
(Hon) Bachelor of Science
Computer Science Specialist

Links

hanchenwang.com
github.com/g3wanghc

Work Experiences

SWE Intern

Summer 2017 || Uber - San Francisco

Software Engineer Intern - Hadoop Platform team, Data Infrastructure in the Core Infrastructure group. Production systems to ingest and process data for massively large data sets. Internal schema-tool (UI/EX, metastore, API), external ingestion platform, alert & job tier management tool (graphite, grafana), and self-serving pipelines.

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. Jira coordinator, developed scripts to translate XML files, system events, and log correlation of network events. Maintaining the intranet in SharePoint, and develop new tools using Django.

PHP Developer - Intern

2015 - 2016 || ALM - Toronto

Developer Intern - LAMP stack. Web development, API sanitization, CSRF token binding, bug tickets, refactoring, A/B tests, E-Mail blasts, and domain agnostics (white branding).

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. Contributed several datasets, and the modules to generate them.

Twiftbay

2016 || devpost.com/twiftbay

Using textual analysis of personality insights with Watson, pick the perfect gift on eBay using tweets. Twiftbay was built for the MLH Prime Spring Finale 2016, using Flask, IBM Bluemix, and AWS.