

Yushan Lin

yushan.lin@mail.utoronto.ca | 416-805-3663 | yu-linn.github.io

Experience

SOFTWARE DEVELOPER INTERN | IBM | MAY 2017 - AUG 2018

- Implemented and developed automated tests for new optional feature to throttle logs in WebSphere Liberty, helping reduce consumption of CPU. Featured in the IBM November beta article
- Contributed to development, feature automated testing, and performance improvements of the JSON logging feature in WebSphere Liberty, improving logging performance by 20%
- Owned, maintained and developed new features for multiple internal tools used by developers to track and publish fixes for WebSphere Application Server
- Developed new feature for traditional WebSphere Application Server to format binary logs to JSON format and write to rolling file
- Configured sample monitoring stack for WebSphere Liberty Metrics to document usage of metrics for users, using Prometheus, Grafana, CollectD
- Developed script to automate the creation of external documentation for developer fixes using Drupal API

COMPUTER SCIENCE COMPUTING SUPPORT | UNIVERSITY OF TORONTO | SEPT 2016 – FEB 2017

- Help answer non-course related computing questions inquired by students
- Review and update computing support documentation for Computer Science students

SOFTWARE DEVELOPER | UNIVERSITY OF TORONTO | MAY 2016 - AUG 2016

- Researched and implemented geometry concepts and Java libraries used for architecture design software program
- Implemented in Java back-end functions of geometry concepts such as offset and boolean operations

Education

University of Toronto

BSc in Computer Science

Sept 2014 – May 2019

Projects

Scribe | IBM Intern Hackathon 2018

- Speech to text note summarizer using Watson API for natural language understanding and Node.js

News IT

- Web application that uses sentiment analysis on news topics using Google NLU API, Node.js, MongoDB
- Users can analyze the trends of the topics based on how positive or negative the topic is

RideShare

- Carpool application allowing users to search for rides using Java and Android Studio

Shale Striker | ROM Game Jam

- Developed an educational Cambrian era based game where players select specimens and consume others to evolve, using Unity, C#, Photoshop. Selected for beta-testing at the museum

RunningM8 App | Hack Princeton 2016

- Developed an Android application that generates a random location for a run, using Myo SDK and Raspberry Pi

Skills

Expert: Java, Python **Proficient:** C, HTML, CSS, JavaScript, SQL

Software Tools and Frameworks: Git, Linux/Unix, Node.js

Additional Experience and Extracurricular

U of T Women in Computer Science Executive | Sept 2018 - Present

Webmaster for designing and developing Women in CS website. Involved in planning activities such as discussions panels and hack nights, to develop a stronger student community in Computer Science

IBM STEM4Girls Team Counsellor | July 2018 - Aug 2018

Involved in core planning team for STEM4Girls camp as team counsellor to encourage young girls to pursue careers and interest in STEM