

Yushan Lin

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EDUCATION

UNIVERSITY OF TORONTO

BSC IN COMPUTER SCIENCE: FOURTH YEAR

Sept 2014- May 2019 | Toronto, ON

SKILLS

PROGRAMMING

Expert

Java • Python

Proficient

C • CSS • HTML • Git

• JavaScript • SQL • Node.js

COURSEWORK

Introduction to Software Engineering (CSC301)

Operating Systems (CSC369)

Databases (CSC343)

Algorithm Design, Analysis and Complexity (CSC373)

Programming on the web (CSC309)

AWARDS

2015 Dean's List

2014 President's Entrance Scholarship

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
Aug 2018

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

Computer Science Orientation Leader
Sept 2017

Lead group of incoming Computer Science students through Computer Science related activities introducing them to the Department of CS

EXPERIENCE

IBM | SOFTWARE DEVELOPER INTERN

May 2017 - Aug 2018 | Toronto, ON

- 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 and traditional WebSphere, 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
- 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

UNIVERSITY OF TORONTO - DEPARTMENT OF COMPUTER SCIENCE | COMPUTER SCIENCE COMPUTING SUPPORT

Sept 2016 - Feb 2017 | Toronto, ON

- Provide assistance answering non-course related computing questions.
- Review and update computing support documentation for the use of Computer Science Students.

UNIVERSITY OF TORONTO | ARCHITECTURAL DESIGN SOFTWARE DEVELOPER

May 2016 - Aug 2016 | Toronto, ON

- Researched on and implemented geometry concepts and geometry Java libraries that can be used for the software program.
- Implemented back-end functions of Geometry concepts like Offset and Boolean Operations.

PROJECTS

SCRIBE | IBM INTERN HACKATHON

- Speech to Text note summarizer using Watson API for NLU, Node.js

NEWS IT

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

RIDESHARE

- Carpool Android application allowing users to search for other users for rides

SHALE STRIKER | ROYAL ONTARIO MUSEUM GAME JAM

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