

Darren Tu

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EDUCATION

MCMASTER UNIVERSITY

BASc, COMPUTER SCIENCE CO-OP

Graduated April 2021

- Awarded honourable entrance scholarship for academic excellence

SKILLS

PROGRAMMING:

Proficient in:

- JavaScript (ES6 syntax)
- Python
- Java
- React.js
- Node.js
- Docker

Familiar with:

- Git
- HTML / CSS
- MongoDB
- Bash
- Lua

LINKS

- GitHub:// [darrentu](#)
- LinkedIn:// [darrentu](#)

COURSEWORK

- Data Structures & Algorithms
- Unix Tools and Scripting
- Operating Systems
- Databases
- Discrete Math

LEADERSHIP

- Wolfram student ambassador (2016-2017)
- Computer Science Society first year representative (2015-2016)

AWARDS

- CivHacks: Best sustainability hack (2021)
- Tech and the City: B2B prize winner (2017)
- MHacks 8: Amazon Alexa prize winner (2016)
- Dean's Honour List (2016)
- Honour Award Recipient (2015)

EXPERIENCE

MICROSOFT | INCOMING SOFTWARE ENGINEER

Starting July 2021 | Redmond, WA

- Potential work in Azure Cloud

MICROSOFT | SOFTWARE ENGINEERING INTERN

May 2020 – Aug 2020 | Redmond, WA (REMOTE)

- Worked in the Azure Cloud Shell team to open source the Cloud Shell Docker image (<https://github.com/azure/cloudshell>)
- Transitioned the Docker base image from Ubuntu:16.04 to Debian 10 through upgrading required packages
- Constructed essential build pipelines within Cloud Shell using Azure Pipelines for testing and compliance

SALESFORCE | SOFTWARE ENGINEERING INTERN

May 2019 – Aug 2019 | Fredericton, NB

- Worked in the release engineering team to automate unit tests to run on Jenkins server for new pull requests
- Helped refactor Jenkins build script using Groovy to allow automatic detection of upstream dependencies

IBM CANADA LTD. | SOFTWARE DEVELOPMENT INTERN

May 2017 – Aug 2018 | Markham, ON

- Worked in a hybrid agile team to develop an internal control panel for IBM's cloud infrastructure team and became lead developer near end of internship
- Designed, delivered, and tested several new components & visualizations using Meteor.js, Node.js, React.js, MongoDB, and Mocha (testing)
- Helped with product support by frequently checking the support channel and addressing problems quickly
- Led the training of new members and demoed project to senior executives

MCMASTER UNIVERSITY | TEACHING ASSISTANT

May 2016 – June 2016 | Hamilton, ON

- Facilitated "Introduction to Programming" lab classes by explaining basic computer science concepts and guiding students with lab exercises

RELEVANT PROJECTS

CHROME EXTENSION FOR PRODUCTIVITY | SIDE PROJECT

May 2020 - Present | Feed blocker for LinkedIn

- Built a solution for users to block their feed on LinkedIn to reduce distractions
- Receiving overwhelmingly positive feedback and over 100 installs

VOLUNTEERING

DELTAHACKS (HACKATHON) | MENTOR

January 2020

- Led a web development workshop teaching HTML/CSS for roughly 50 people
- Helped & supported students with their Hackathon projects by brainstorming ideas and giving them advice on how to code