Victor H. Chen

Software Developer

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EXPERIENCE

McMaster Society for Emerging Technology / Vice-President External
Apr. 2018 - PRESENT

➢ Collaborating in junction with representatives from external organizations to formulate technology-introducing workshops and conferences for students at McMaster University

McMaster Computer Science Society / Chief Academic Chair
Mar. 2018 - PRESENT

➢ Collecting student feedback regarding the computer science/software engineering curriculum alongside individual courses to discuss with the chair of the Computing and Software department at McMaster University
➢ Overseeing and improving academic support (events, resources, etc.) for students under the department of Computing and Software

McMaster University / Teaching Assistant
May. 2017 - PRESENT

➢ Teaching assistant for five terms
➢ Created a script to automatically assign student grades into a .csv file from a Desire2Learn discussion board to automate grading for all instances of discussion board based marks in the department
➢ Held tutorials and office hours since to teach fundamental programming concepts such as data structures (binary trees, etc.) and recursion in a first-year CS-major functional programming course based in Haskell and also during two terms of teaching another first-year CS-major programming course based in Python
➢ Currently invigilating, grading and instructing lab sessions for a core first-year engineering CS course based in Python for the second time

Microsoft / Student Partner
Sept. 2017 - Aug. 2018

➢ Self-learned various Microsoft cloud computing and machine learning API's to implement them into various projects used for workshop demonstrations
➢ Worked with mentors and organizing Microsoft workshops across Ontario to teach university students machine learning and how Microsoft developer software (API's, Azure, etc.) could be used

McMaster Engineering Society / Director of Public Relations
Mar. 2017 - Mar. 2018

➢ Elected by over 300 students to represent the face of the McMaster Engineering Society
➢ Co-directed the McMaster Oktoberfest carnival, marking it as one of the largest annual events at McMaster University
➢ Organized mental health wellness, professional development, and academic events through the use of an issued budget of $1,000 CAD to actively engage students

SKILLS

Programming Languages: C, C++, Java, JavaScript, Python, and Visual Basic
Spoken Languages: Fluent in English and Mandarin
Passions: Public speaking, software engineering, self-learning, instructing, and machine learning
Hobbies: Visual art, reading, guitar, and chess

EDUCATION

McMaster University / Bachelor of Engineering: Software Engineering (Co-op)
Sept. 2016 - Apr. 2021

➢ Dean's Honour List (2016 Fall/2017 Winter terms)

PROJECTS

DogGo - HackHarvard 2017
Oct. 2017

➢ With a team, developed a sophisticated pet adoption platform with the ability to match adopters with pets they would most likely be interested in by simply uploading an image of their ideal pet
➢ Developed algorithms to format, sort, and store JSON object data retrieved from Google's Vision API onto a Firebase database through the use of a Python Flask server

ACTIVITIES

Professional Development Conference 2017
Oct. 2016 - Feb. 2017

➢ Collaborated with a team as the logistics organizer to host the annual Professional Development Conference for engineering students at McMaster University and tripled the turnout compared to the previous year