





SOHAIL HAMEED

Computer Science Student | University of Toronto

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EXPERIENCE

Full Stack Web Developer

Xeware

 05/2017 – 08/2017


 Remote

- Developed a health application that tracks and manages the pharmaceutical prescriptions for a client.
- The application was developed using a combination of Django, HTML 5, CSS and Java Script (jQuery and Ajax) with a MySQL database.

Information Officer

Elections Canada

 10/2015


 Mississauga, Ontario

- Elections Officer for the Mississauga East-Cooksville riding. Processed electors and candidates' representatives and ensured that all polling activities were carried out as per regulation.

GIS Clerk (High School Co-op)

The City of Mississauga - Geomatics Department

 06/2015

 Mississauga, Ontario

- Drafted CAD outlines for The Storm Water Drainage project in Microstation v8i and worked on updating the documentation on the City's bore hole database.

PROJECTS

4659warriors.com

Ruby | HTML | CSS | JS

 github.com/matthewlam99/WarriorRobotix

A website for my Robotics club that applies modern web design principles and including many internal features such as attendance, posts, polls, and much more.

GSM kids

HTML | CSS | JS

 gsmkids.com | github.com/3370sohail/gsm-kids

A web based educational games platform that is meant for visually impaired children. The project currently has 3 games available but more are under development.

Laser Projector

Arduino

 github.com/3370sohail/Single-Laser-Projector

A laser projector built using 2 stepper motors, a laser, an Arduino and 2 mirrors. The projector creates simple and abstract patterns and is able to sync to music via serial input.

ACCOMPLISHMENTS



VEX Worlds - Division Finalist x2

Won the VEX Robotics division finalist trophy in 2015 and 2016 as a part of 4659A



16 VEX Robotics Awards

Received a total of 16 VEX Robotics awards at the local and provincial level

SKILLS & ASSETS

Java Python Django PHP Ruby
JavaScript (jQuery & Ajax) Arduino
Robot C HTML CSS BASH

EDUCATION

B.Sc. Computer Science

University of Toronto

 2016 – 2020

EXTRA-CURRICULARS

NeuroTech UofT

 2017  UofT

Club Member

Volunteer Engineering Experience Program

 2016-2017  UofT

Volunteered at College Montrose Children's Place

UofTHacks

 2017  UofT

Participant

Junior Solar Car Competition

 2014-2016  Port Credit Secondary School

Event organizer and judge

Warrior Robotix

 2012-2016  Port Credit Secondary School

Executive Member

PUBLICATIONS

Books

- Conway, Damian (2000). *Object Oriented Perl: A comprehensive guide to concepts and programming techniques*. Connecticut, USA: Manning Publications Co.

Journal Articles

- Codish, M., K. Marriott, and C.K. Taboch (2000). "Improving program analyses by structure untupling". In: *Journal of Logic Programming* 43 (3), pp. 251–263.
- Meyer, Bernd (2000). "A constraint-based framework for diagrammatic reasoning". In: *Applied Artificial Intelligence* 14 (4), pp. 327–344.

Conference Proceedings

- Zou, Will Y et al. (2013). "Bilingual Word Embeddings for Phrase-Based Machine Translation." In: *EMNLP*, pp. 1393–1398.
- Hu, J. et al. (2000). "Fast and robust equalization: A case study". In: *Proceedings of the World Multiconference on Systemics, Cybernetics and Informatics, (SCI 2000), Florida, USA, 23-26 July 2000*. FL, USA: International Institute of Informatics and Systemics, pp. 398–403.

REFEREES

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Prof. Gamma Delta

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MY LIFE PHILOSOPHY

*"Something smart or heartfelt,
preferably in one sentence."*

Ontario Secondary School Diploma

Port Credit Secondary School | SciTech

📅 2012 – 2016