

SOHAIL HAMEED

Computer Science Student | University of Toronto

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EXPERIENCE

Computer Science Implementation Project

University of Toronto - Department of Computer Science

📅 09/2018 – Present

📍 Toronto, Ontario

- Developing a **Django** & **Angular** based web application for delivering Virtual Mystery assignments to students.

Software Developer

University of Toronto - Department of Computer Science

📅 04/2018 – 09/2018

📍 Toronto, Ontario

- Developed new features for the Programming Classroom Resource System using **Django** and other **web technologies**.
- Updated the main UI using **JavaScript** and **HTML Canvas** to a new graph-based system, that allows instructors to create exercises and link them via dependency lines.
- Implemented **GET** & **POST APIs** and linked user facing components for the new UI to the Back-End

Software Developer

Xeware

📅 05/2017 – 08/2017

📍 Remote

- Developed a **Django** based health application that tracks and manages pharmaceutical prescriptions for a client.
- Led the development of a **JQuery** based digital signature pad for the application, allowing users to remotely sign off on prescriptions.

PROJECTS

4659warriors.com - Ruby | HTML | CSS | JS

🌐 <https://github.com/matthewlam99/WarriorRobotix>

- Collaborated with a team of 3 developers to develop a website that incorporates modern web design principles
- The site features an attendance system, communications board and much more.

Recipi Bot - HTML | JS | Python | Clarifai

🌐 <https://github.com/3370sohail/RecipiBot>

- A Facebook Messenger Recipe Bot that parses /r/Recipes to find and create new exciting recipes from existing ingredients around your house!
- You can chat with the bot using text or by utilizing your phone camera/uploading images.

Picasso Photo Manager - Java | JavaFx | SQL Lite

🌐 <https://github.com/3370sohail/Picasso-Photo-Manager>

- Photo tagging software that allows user to rename photos, tag them based on special keys and search for image using those special keys.

EDUCATION

B.Sc. Computer Science

University of Toronto - St. George

📅 2016 – 2020

SKILLS & ASSETS

Languages

Java Python C PHP Ruby

Java Script HTML CSS SQL

Frameworks

Django JQuery React Rails

Node.js Angular

Utilities

GIT Bash Linux Docker

ACCOMPLISHMENTS



VEX Worlds - Division Finalist x2

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

EXTRA-CURRICULARS

NeuroTech UofT

📅 2017-2018 📍 UofT

Involved in the research and development of basic BCIs (brain computer interfaces) as a participant of a weekly workshop.

Volunteer Engineering Experience Program

📅 2016-2017 📍 UofT

Volunteered at College Montrose Children's Place, where I helped setup their website and taught the administration how to use WordPress.

HacksThe6ix & InspireHacks

📅 2018 📍 Toronto

Prototyped a legal-document analyzer that paraphrases complex terms and conditions in contracts, gym memberships, etc. giving users a better understanding of their legal-documents.