

# SOHAIL HAMEED

Computer Science Student | University of Toronto

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## EXPERIENCE

### Full Stack Web Developer

University of Toronto - Department of Computer Science

 04/2018 – 09/2018

 Toronto, Ontario

- Developed new features for and supporting the deployment of the Programming Classroom Resource System (PCRS, <https://mcs.utm.utoronto.ca/pcrs/pcrs/>).
- Updated the main UI for PCRS to a new graph-based system. The new system allows instructors to create exercises as nodes in a graph and link exercises via dependency lines to visually demonstrate the prerequisites required for each exercise.
- Fixed and improved the Mastery quiz system (an online session based quiz system) to allow for better quiz session control, and better handling of the handout process for the appropriate quizzes to students.

### Full Stack Web Developer

Xeware

 05/2017 – 08/2017

 Remote

- Developed a Django based health application that tracks and manages pharmaceutical prescriptions for a client.
- Lead the development of a digital signature pad for the application, which takes in touch or mouse input, allowing users to remotely sign off on prescriptions.

## PROJECTS

### 4659warriors.com

Ruby | HTML | CSS | JS

 [github.com/matthewlam99/WarriorRobotix](https://github.com/matthewlam99/WarriorRobotix)

- Collaborated with a team of 3 developers to develop a website that incorporates modern web design principles and 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

### Utilities

GIT BASH Linux LaTeX

## 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.