

# 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 web application for delivering Virtual Mystery assignments to students. (<https://github.com/utmandrew/virtual-mystery>)

### Software 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 using Django and other web technologies. (<https://mcs.utm.utoronto.ca/pcrs/pcrs/>)
- Updated the main UI to a new graph-based system, that allows instructors to create exercises and link them via dependency lines.
- Fixed and improved the Mastery quiz system to allow for better quiz session control, and distribution of the appropriate quizzes to students.

### Software 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

🐙 <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.