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.
- Created **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**
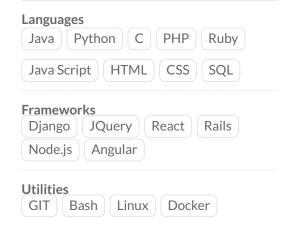🔗 https://github.com/3370sohail/Picasso-Photo-Manager

- 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.