ROHAIL KABANI

Computer & Software Engineer

CONTACT ME

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MY SKILLS

Languages

C++
Java
JavaScript
Python
HTML & CSS, Sass

Frameworks & Libraries

Node   jQuery
React   MongoDB
Angular   Express

Other

Adobe Photoshop
Android Studios
Microsoft SharePoint & PowerApps
Microsoft Office
SolidWorks

EDUCATION

Bachelor of Applied Science in Computer Engineering

- University of Waterloo
- 2017-Current

President Scholarship of Distinction for average of 95+%; Hyperloop Transportation Member

INTERESTS

- Tennis, Football, and Basketball
- Designing logos, and creative pieces
- Travelling

EXPERIENCE

SOFTWARE APLICATION DEVELOPER
Toyota (TCI)   Jan. 2017 - May 2017

- Reduced resource misallocation by 95% by developing a resource management tool using **AngularJS**, and **AJAX**, allowing mangers to effectively manage tasks
- Created a local tablet app using **PowerApps** and the GoogleCharts **API** to improve communication between employees and the business
- **Automated** testing workflows with the use of **batch**/PowerShell scripts
- Reduced manual processes by automating business forms using Nintex/JavaScript

FULL-STACK DEVELOPER
PLADO Inc.   Oct. 2016 - Feb. 2017

- Developed a virtual secretary server using **Node.js**, and twillio **module**; allowing users to send a text describing their issue, and transferring it to its designated help receptionist
- Designed fragments of plado.ca using AngularJS and **CSS**

HEAD OF CONTROLS
FIRST Robotics   Sept. 2014 - May 2016

- Used **Java** to program the movement of **robotic** hands to perform tasks such as picking up blocks, and barrels, for the purpose of competing
- Team progressed to national championships for two consecutive years

PROGRAM MANAGER
MakeLab   June 2016 - Aug. 2016

- Trained classes to create designs and object concepts using Tinkercad, and print them out using a **3D printer**
- Resulted in a 100% completion rate

PROJECTS

DIVIDE - ANDROID APP
McHacks 2017   Feb. 2017

- Using **ReactNative**, used **ReactJS**, and **AngularJS** to develop a multi-platform mobile app to split expenses between group members
- Used **Microsoft Congnition Services** for picture recognition of receipts to better divide payments

AUTONOMOUS DRONE
Personal - TOYOTA   Jan, 2017 - Current

- Coded **Arduino** and **Raspberry pi** using **C++** and **Python** to automatically scan barcode systems, and gain environment recognition
- **Jetson NVIDIA** kit was also used

PONG GAME
Personal   May 2016

- Recreated the popular game using **Java**, and **GUI** libraries