

ROHAIL KABANI

Computer & Software Engineer

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MY SKILLS

Languages

C++
Java
JavaScript
Python
HTML & CSS, Sass

Frameworks & Libraries

Node.js jQuery
ReactJS MongoDB
AngularJS Express

Other

Adobe Photoshop
Xcode
Android Studios
Microsoft SharePoint & PowerApps
Microsoft Office

EDUCATION

UNIVERSITY OF WATERLOO

Bachelor of Applied Science in Computer Engineering

 2017-Current

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

Princeton University Algorithms

Intensive online course about algorithms
and data structures taken through
Coursera



EXPERIENCE

SOFTWARE APPLICATION DEVELOPER

 **Toyota (TCI)**

 Jan. 2017 - May 2017

- Reduced resource misallocation by 95% by developing a resource management tool using **AngularJS**, and **AJAX**, allowing managers 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 the twilio **module**; allowing users to send a text describing their issue, and transferring it to its designated help receptionist
- Designed fragments of plado.ca using JavaScript, **jQuery**, and **CSS**

HEAD OF CONTROLS

 **FIRST Robotics**

 Sep. 2014 - May 2016

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



PROJECTS

DIVIDE - MOBILE 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 Cognition Services** for picture recognition of receipts to better divide payments

EDJ - WEB APPLICATION

 Personal

 Sep. 2017 - Current

- Created a web application using **MEAN** stack, and **Socket.io** to automate the process and actions of a DJ
- Implemented a deciding **algorithm** to determine which song should be played next based on number of technical and user informed criteria

AUTONOMOUS DRONE

 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