ROHAIL KABANI

SOFTWARE & COMPUTER ENGINEER

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SKILLS

Languages
C/C++
Java
JavaScript
Python
HTMLS, CSS, & Sass

Frameworks & Libraries
Node.js
Express
MongoDB
jQuery
AngularJS
ReactJS

Tools
Adobe Photoshop
Xcode
Android Studios
Microsoft SharePoint & PowerApps

EDUCATION

University of Waterloo
Bachelor of Applied Science in
Computer Engineering
2017 - 2022

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

Server-Side Development
Coursera

Intensive online course on
backend development using
JavaScript

INTERESTS

Machine Learning and AI
Automation
Mobile Development
Tennis

EXPERIENCE

Software Application Developer - TOYOTA INC.
Jan - Apr 2017 // Toronto, CA

- 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 Google Charts **API** to improve communication between employees and the business
- Automated testing workflows with the use of batch/PowerShell **scripts**

Full-Stack Developer - PLADO INC.
Oct 2016 - Feb 2017 // Toronto & Ottawa, CA

- Developed a virtual secretary server using **Node.js**, and the **Twilio API**; 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 // Toronto, CA

- 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

eDJ - Web Application
Oct 2017 // Personal

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

DIVIDE - Mobile App
Feb 2017 // McHacks 2017

- Using **React Native** and **ReactJS**, developed a multi-platform mobile app to split expenses between group members
- Used **Microsoft Cognition Services** for picture recognition of receipts to better divide payments

Autonomous Drone
Jan 2017 - Apr 2017 // Toyota Innovation

- Coded **Arduino** and **Raspberry pi** using **C++** and **Python** to automatically scan barcode systems, and gain environment recognition