Ahmad Zaidi

SOFTWARE ENGINEER

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Education

University of Wisconsin - Madison _Madison, WI_
BACHELOR OF SCIENCE IN COMPUTER SCIENCE (JUNIOR) _Sep. 2016 - Present_

Skills

Languages Java, JavaScript, C++, C, HTML, CSS, Python
Frameworks Android SDK, React, React-Native, Node.js, Express, MongoDB, Firebase, jQuery, Git, AI

Coursework

Matrix Methods in Machine Learning, AI, Operating Systems, Data Structures, Algorithms, Information Security

Experience

Symantec _Dubai, UAE_
RESEARCH PROJECT _Jun. 2018 - July 2018_
- Created and demonstrated the application of AI/Machine Learning in detecting attacks on an endpoint
- Optimized malware dataset using **SVD** to increase success rate from **90%** to **97%**

Computer Aided Engineering _Madison, WI_
HELPDESK CONSULTANT _Oct. 2017 - Present_
- Assist **6000+ users** in hardware, account issues and troubleshooting engineering software across all computer labs in the College of Engineering.

Projects

Madison Bus-Tracker
[CURRENT] ANDROID DEV
- Developing a program using **GTFS-realtime** data feed to track the current location of incoming buses of Madison Metro Transit (MMT).
- Uses **onebusaway-gtfs-module** to parse GTFS files from MMT and **Maps API** for geolocation and plotting.

UW Rate-'Em
NATIVE APP DEV
- UW Rate 'em! is a **React Native** application that allows users to rate courses at UW Madison
- Built for scalability using **Google Firebase** and fast real-time searching using **Algolia** for quicker navigation flow.

YelpCamp
WEB DEV
- Built a **Node.js** web application that allows users to post and review campsites.
- Designed API to be RESTful and modular using **Express** and created for flexibility using **MongoDB**.