

Piyush Bajaj

San Jose, CA 95196

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Willing to relocate: Anywhere

Authorized to work in the US for any employer

Work Experience

Developer

San Jose State University

February 2017 to Present

Education

Microsoft Summer School

April 2014 to June 2015

M.S. in Computer Science

San Jose State University

June 2015

B.E. in Computer Science

Bangalore Institute - Bengaluru, Karnataka

March 2014

Skills

AWS (Less than 1 year), Bootstrap (Less than 1 year), C (Less than 1 year), CSS (Less than 1 year), Machine Learning (1 year)

Links

<http://www.piyushbajaj.in>

Additional Information

Skills Implemented a monitoring system to indicate driving aptitude of a driver and alarm is raised based

Languages: C Java PHP SQL on eye blink and mouth yawning rate of the driver if fatigued. Used C, Sobel, MATLAB, and SVM.

Python C++ JavaScript

Mars Rover - 3D Object Manipulator

Built a direct manipulation interface for selection, navigation and manipulation of the mars rover

Technologies: Git HTML5 CSS on a 3D Martian terrain model. Used open Frameworks and C++.

MySQL Node.js AJAX Spark

Bootstrap AWS MongoDB Farm IoT data processing and analytics - Big Data/Machine Learning

jQuery Designed a Big data as a Service framework where we can do real-time data stream processing of

plant's health via green color index and growth rate. It provides statistical analysis to predict for any plants diseases from its data. Used Node.js, Spark, MongoDB, Python, AWS, ML.