

TUSHAR PANKAJ

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Education

Westview High School • Class of 2015 • GPA: 4.40

Coursework

- March 2014 to June 2014, Stanford on Coursera - Machine Learning
Learned several supervised and unsupervised learning algorithms. Course involved video lectures, review questions, and programming assignments.
- July 2012, Stanford Continuing Studies Program - Google Android App Development with Java
Android application development course run by iD Programming Academy. Programmed a simple 3D game for Android.

Selected Projects

- June 2014 to August 2014, Noisemes Research Project
Designed and implemented a machine learning pipeline involving PCA, GMMs, and SVMs
- November 2013 to present, Westview Key Club Website (www.wvkeyclub.org)
Used PHP, HTML, CSS, JavaScript, and MongoDB to design a database-driven website
- January 2012 to March 2013, FIRST Robotics Competition Targeting System, Team 3341
Used OpenCV and C++ to implement a computer vision system which ran on a Raspberry Pi
- February 2013, FIRST Tech Challenge Scouting Android Application, Westview Robotics
Used Android Java and MySQL to build a database-driven data input application
- March 2013, Westview Key Club Android Application
Built and released an Android app which downloaded, parsed, and displayed community service event information from Google Calendar.
- June 2011 to August 2011, Balboa City School Bell Server
Built a school bell system with a web-based control panel

Skills

Technical Skills

Proficient in C++, Java, Android programming, Git, HTML, CSS, JavaScript, PHP, Bash, MySQL, MongoDB, Linux (including system administration), Windows, Mac, L^AT_EX, Microsoft Office

Familiar with Python, Subversion, Mercurial, MATLAB

Other

- Excellent ability to learn new technical skills and apply them
- Ability to learn new topics in a wide variety of subjects through self study. Self studied the first level calculus course during Summer 2012 and skipped to Calculus BC. Also learned all aforementioned technologies through self study.