

Aneesh Abhyankar

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Educational Details

1. Pursuing M.S. in Electrical and Computer Engineering at Rutgers University – GPA = 3.83
2. Bachelor of Engineering in Electronics and Telecommunication - University of Pune, India

Projects

1. Stock Prediction Website

Aim: To predict stock values of up to 30 days using Neural Networks and SVM and to develop a website for the same

Software: Java, MySQL, HTML, PHP, Ajax

Platform: Windows, WAMP Server

2. Autonomous Helper Robot

Aim: To build an autonomous helper robot to fetch things for a user autonomously

Software: C++, Python, Robot Operating System

Algorithms: Adaptive Monte Carlo Localization and Simultaneous Localization and Mapping for autonomous navigation, Scale Invariant Feature Transform Algorithm for object detection.

Platform: Linux - Ubuntu16.04

3. Data Mining – Kmeans (OOPs concepts)

Aim: To cluster data into groups of customers having a similar profile using K-means algorithm. This classification can be used to formulate financial strategies, to detect malicious behavior etc.

Software: C++, Python

Platform: Linux – Ubuntu12.04

Internships

1. Employer: Wireless Information Network Lab, Rutgers
Position: Research Intern
Duration: May, 2016 to present
2. Employer: Indian Meteorological Department, Govt. of India
Position: Project Intern
Duration: June, 2014 to May, 2015
3. Completed an eight-month internship at a local embedded systems firm 'Twintech Control Systems'

Related Skills

C++, Java, Python, HTML, PHP, MYSQL, NodeJs, Android, VHDL, Verilog, Matlab, Office

Leadership Skills

Worked as the department co- General Secretary in undergraduate University. Responsibilities - Organizing and executing the inter-university technical festival "Techtonic"; Alumni engagement in the above mentioned event.
