Piyush Agade

M.S. in Computer Science

I am a hard-working, entusiastic, optimistic, and a solution-driven person. I enjoy working in a team, share knowledge, and skills.

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Technical Skills

- Java
- Python
- JS
- HTML
- PHP
- Android Developement
- MySQL

http://piyushagade.xyz

/piyushagade

/in/piyushagade

Education

Master of Science @University of Florida

AUG 2015 - MAY 2017

This is my current school, and I am pursuing my Masters in Computer Science. **GPA- 3.45**

Bachelor of Engineering @Maharashtra Institute of Technology

SEPT 2010 - JUNE 2014

Graduated with a Bachelor's degree in Electronics & Telecommunications with **Distinction grade**.

Work Experience

Backend Developer Intern @Filtrest, Inc.

JUNE 2016 - AUG 2016

Currently working as an intern at Filtrest. Responsibilities include initial design of the system, searching algorithms, and other aspects of the Filtrest application.

Projects

Mute-On-Call @Individual Project (in progress)

Since APR 2016

Developing a cross-platform volume control application, that mutes music/sounds on all registered devices when the cell-phone rings.

UniClip! @Individual Project

FEB 2016 - JUNE 2016

Developed a cross-platform clipboard synchronization application. The application is currently supported on Android and Windows PC.

Visit UniClip!'s official website

Soccer Statistics System @University of Florida

JAN 2016 - APR 2016

The project involves collecting data collected from the web to create a database and use it to analyse and find interesting correlations between various players, leagues, etc.

BitSync @University of Florida

AUG 2015 - DEC 2015

Developed a P2P file sharing system using Java. The system is fully capable of splitting and joining the file chunks on every peer, besides file sharing.

Viral Marketing Influence Propagation @University of Florida

AUG 2015 - DEC 2015

Implemented two influence propagation algorithms in Python, one based on Linear Thresholding, and the other on Independent Cascading model of influence propagation; And also developed a web interface that uses a JS visualisation library to display the output of the two implemented algorithms.

Spatially Scalable Video streaming based on Network Traffic @MIT Pune

JAN 2014 - JUNE 2014

Developed a system capable of dynamically scalable video streaming over a network depending on the network traffic, and accordingly change the resolution of the video being streamed by the media server.

Electronic Control Unit & Skid Detection on a Motor Bike @MIT Pune

AUG 2013 - NOV 2013

Developed a system that could detect skidding and estimate other driving parameters such as acceleration and tilt of a bike. The team also developed a virtual instrument that logs real-time data acquired by a 3-axis accelerometer and feed the acquired data to a LABVIEW VI, which simulates and detects skidding, and other conditions like tilting, braking and acceleration.