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ALEXANDER A. BETTADAPUR

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY – ATLANTA, GA

CANDITATE FOR BACHELOR OF COMPUTER SCIENCE, DEC 2015, 3.95 GPA

Undergraduate Research Assistant for Dr. Jim Rehg. Research on computer vision and autonomous vehicles.

President of GITMAD mobile application club. We work with new members and teach them how to develop mobile applications. Topics covered include Android and cross platform development.

PROJECTS

RUSE: A remote controlled music player that allows multiple users to play music on a remote computer. Uses a full Python backend with a WAMP transport layer and comes with both WPF MVVM and Android client applications. http://github.com/abettadapur/Ruse{Server,Client,Android}

DAYTRIPPER: An Android app that communicates with a Python backend to intelligently suggest things to do in an unfamiliar city and provide a suggested itinerary. Uses the Yelp and Google Directions and Maps APIs. http://github.com/abettadapur/DayTripper

WORK HISTORY

MICROSOFT – REDMOND, WA

Developer and manufacturer of software, consumer electronics and personal computers and services (NASDAQ: MSFT)

Software Development Intern, Microsoft Office Project Online, 05/2015 – 08/2015

Added a human readable identifier to the Project entity in Project Server and Project Online. This involved:

- Creating a development design document with my proposed changes
- Adding new stored procedures to a large scale SQL Server instance
- Adding new C# business and validation logic to a large scale codebase
- Writing an array of data driven tests to validate my changes

Gained valuable experience in working with large-scale codebases and databases.

CIRRITY – ATLANTA, GA

Cisco powered Channel-focused Cloud Service Provider (Startup)

Intern, Network Operations/Software Development, 01/2015 – Present

Working on developing Cirrity's new customer portal, written entirely in ASP.NET MVC

Developed a tool that collects metrics from Cirrity's datacenters and generates usage reports for customers

Manage a distributed backup system that replicates customer backups to Cirrity's datacenter.

RACKSPACE HOSTING – ATLANTA, GA

#1 Managed Cloud Provider (NYSE: RAX)

Summer Intern, Cloud Queues/Backup Team, 05/2014 – 08/2014

Contributed to the Openstack Marconi (now Zaqar) open source queuing project

Wrote a .NET C# API for Zaqar using async and await. http://github.com/abettadapur/marconiclient

Wrote a Python WSGI middleware to collect HTTP status metrics and display them on a Graphite dashboard

Implemented a multithreaded MongoDB migration tool in Python.

Created an API to provision RabbitMQ queuing clusters on Rackspace cloud servers using Openstack Heat

Assisted with a multi-datacenter deployment of the Apache Cassandra NoSQL database.

Gained valuable experience in Python development and the open-source contribution process.

IGNITIONONE – ATLANTA, GA

Global leader in cloud based digital marketing technology (Management owned)

Summer Intern, DevOps, 05/2013 – 08/2013

Deployed Hubot, a chat bot that can execute deployment scripts in the chat window, within the organization

Built a pixel tracking server in Node.JS that logged page hits to a large MongoDB instance at an improved rate of 20k requests/second

Integrated Mongoose call tracking into IgnitionOne's Digital Marketing Suite

AWARDS

EAGLE SCOUT – BSA TROOP 7, SINGAPORE

My Eagle Scout project took place on the island of Koh Yao Yai in Eastern Thailand where my team of 10 scouts and I renovated a local school.

We gave the school a new coat of paint, replaced jagged, rusty railings, and built shoe racks for the classrooms.