

# ALEX BETTADAPUR

## EDUCATION

### GEORGIA INSTITUTE OF TECHNOLOGY – ATLANTA, GA

**BACHELOR OF SCIENCE: 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}>

**PLANR:** 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/Planr>

## WORK HISTORY

### MICROSOFT – REDMOND, WA

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

**Software Developer I, Microsoft Office Project, 03/2016 - Present**

Working on delivering new Project services to customers

Working on deploying ASP.NET websites and services to the Azure cloud

**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)*

**Software Development Intern, 01/2015 – 03/2016**

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

Worked with a large and complex SQL Server database using the .NET entity framework

Worked with C# Razor server generated webpages and controls

### 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

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.

