

James Rohan Gangavarapu

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EDUCATION

GEORGIA STATE UNIVERSITY

Bachelor of Science:

COMPUTER SCIENCE

Minor: MATH

GPA: 3.51/4.0

Atlanta, GA | Expected December 2017

SKILLS

• Java • Python • Unix • C • C++ • R
• Git • UML • MySQL • SQLite • MVC
Design Pattern • Singleton Object
Design Pattern • Android • Android
Studio • iOS • xCode • JavaScript
• PHP • HTML • CSS • SPARC

COURSEWORK

Software Engineering

Programming Language Concepts

Machine Learning

Mobile App Development

Web Development

Database Systems

Operating Systems

Data Structures

System-Level Programming

Design and Analysis : Algorithms

Computer Architecture

Math Stat I

Math Stat II

Physics I

Physics II

LINKS

Github:// jamesrohan

LinkedIn:// in/james-gangavarapu-08149590

Personal Blog:

<https://nikkiblogcsc.wordpress.com/>

GitHub Projects Blog:

<https://jamesrohan.github.io/>

AWARDS

President's List: Spring 2017, Fall 2015

Dean's List: Summer 2017,
Spring 2016, Summer 2015

CERTIFICATION

[Oracle Certified Associate Java I](#)

PROJECTS

ONGOING PROJECTS:

- Pursuing Deeplearning.ai (Coursera) course with Financial Aid
Implementing Custom Machine Learning algorithms and Deep-learning Projects
- Building Version 2.0 of Grocery List Android App using Firebase
- Pursuing Software Architecture & Design (by GA-Tech) on Udacity

DATA SCIENCE & MACHINE LEARNING PROJECTS:

A STUDY OF FACTORS INFLUENCING HOTEL RENTS, INDIA

July 2017 – August 2017 | Data Science and Management Internship

- Analyzed Hotel related data of 42 different cities in India. Made a highly-detailed business report and build a predictive model for Room Rent

MACHINE LEARNING

August 2017 – December 2017 | Machine Learning 4980

- Predicted Missing Gene Micro Array Data, Classified New Instances of another Dataset

SOFTWARE ENGINEERING & DATABASE PROJECTS:

HOTEL MANAGEMENT SYSTEM

January 2017 – April 2017 | Software Engineering

- Implemented a reservation system, employee database, inventory management system with partitioned levels of employee system access

MULTI USER GROCERY LIST ANDROID APPLICATION

August 2017 – December 2017 | Mobile App Development 4360

- Build a Multi User Grocery List using a remote MySQL database, Android SDK, Android Studio and GitHub

WEB BASED VIRTUAL TRAVEL AGENT

August 2017 – December 2017 | Web Development 4370

- Build a Virtual Travel Agent using HTML, CSS, PHP, JavaScript, jQuery. Implemented a User system. Who could book flights, reserve Parking and rent Cars. Used MVC architecture and build a relational Database for the system using MySQL

PROTOYPE RELATIONAL DATABASE

August 2017 – December 2017 | Database Management Systems 4710

- Build a Relational EER Database for a Car Service Center and constructed queries in MySQL

EXPERIENCE

Hack GSU 2017 Judge, MLH Hackathon GSU

November 2017 | Atlanta, GA

- One of the three Judges representing the Computer Science Department and ACM-GSU (Association for Computing Machinery) at HackGSU, an MLH sponsored Hackathon

DATA SCIENCE AND MANAGEMENT INTERN, PROF. SAMEER MARTHUR, IIM-LUCKNOW

July 2017 – August 2017 | Atlanta, GA

- Tested business management related hypothesis, analyzed data sets, constructed predictive models, studied and critiqued best business practices with respect to Big-Data, Data Analytics and Data Driven Business Management, resulting in a Cap Stone Data Analytics Project

STUDENT ASSISTANT, LIBRARY CURVE GSU

August 2017 – December 2017 | Atlanta, GA

- Specialized Library multimedia space for Data Visualization and High Power Computing. Regulated appointment schedule, troubleshoot and fixed workstations including the CURVE-Wall and Bloomberg Terminals. Assisted in organizing events and enforced Library CURVE Rules

WEBMASTER | ASSOCIATION FOR COMPUTING MACHINERY(ACM) GSU CHAPTER

May 2017 – December 2017 | Atlanta, GA

- Responsible for organizing talks, maintaining the ACM GSU website, online publication of chapter information, announcements, news, photos and online member management. Represented ACM GSU chapter at various workshops, events and as a hackathon Judge at HackGSU 2017 MLH-hackathon

UNDERGRADUATE RESEARCHER, BRAIN COMPUTER INTERFACE RESEARCH, MOBILE CYBER PHYSICAL SYSTEMS LAB GSU

March 2017 – April 2017 | Atlanta, GA

- Extracted and analyzed data related to Gyro scope, EEG and Facial Expressions from the Emotiv Headset using the Emotiv Java Community SDK. Studied Brain Computer Interfaces and Cognitive Computing Research. Assisted a graduate research student in designing and fabricating an LED circuit toward his Master’s research project

ACTIVITIES

LEAD FULL STACK WEB DEVELOPER | COMPUTER SCIENCE CLUB GSU

April 2017 - Present | Atlanta, GA

OFFICERS ACADEMY

July 2011 – May 2013 | Hyderabad, Telangana, India

- Groomed to join the National Defense Academy in India and was taught to react and create solutions in a group or individually

WORKED WITH ORPHANAGES

March 2013 – May 2013 | Hyderabad, Telangana, India