

Aditya Bhamidipati

Master's Student at
Georgia State University



+1 (404)-940-3478



bhamidipatiaditya23@gmail.com



aditya-bhamidipati



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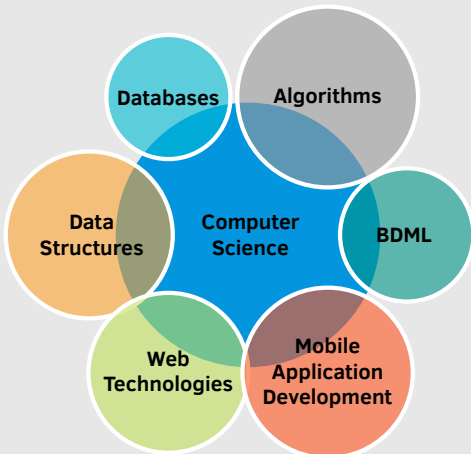
Education

Master's Computer Science (GPA: 3.65)
Georgia State University
Dec '20 | Atlanta, Georgia, US

B.Tech CSE (GPA: 3.7)
Mahatma Gandhi Institute of Technology
2013 - 2017 | Hyderabad, India

Core Competencies

Overview



Programming

Python • Java • Android • Golang

PHP • Javascript • React • Flask

REST Services • AWS • Firebase

Spark • Hadoop • Machine Learning

Experience

Graduate Research Assistant

Sept 2019 - Present

Graduate Teaching Assistant

Georgia State University, Atlanta

- Developing a web GUI of Telegram-app to detect spam messages and group them for analysis for Criminal Justice department at GSU
- Working on 10+ modules in Online Graduate Management System of GSU for student, faculty and staff under Director of Computer Science, Dr. Yingshu Li
- Teaching Data Structures; tutoring 3 laboratory sessions of 20+ students each and working as chief grader managing 5 TAs
- Worked as Teaching assistant for Computer applications course of 100+ students

Full Stack Developer

Mar 2017 - July 2019

Associate Engineer

Kony India Pvt. Ltd., Hyderabad

- Improved Sync and Connection manager services by 25% and implemented 2+ secure and robust Rest API's to perform CRUD on database models for Mobile Fabric
- Optimised identity scanning and Facial Recognition by 33% through business adapters, Jumio and Gemalto, on camera API
- Received "Pat on the back" award for integrating enterprise systems like AWS S3 adapter for image upload/download with Mobile Fabric
- Worked on responsive web development for iOS/Android and desktop on 5+ modules for clients like TDECU, EHS etc., in Kony Digital Banking Suite

Projects

Shopaddicts(ongoing)

[React & Redux, REST Services, Bootstrap]

- A Dynamic E-Commerce application with Integration of 2 payment methods(Stripe and Paypal) and 3+ search filters

Safest Paths through Corona affected regions

[Python]

- An algorithm that can give safest path from source to destination for corona affected regions in the city map of Atlanta
- Implemented using Dijkstra for offline data and A* for online sync strategy

Sentiment Analysis on YouTube Comments

[Python, Apache Spark, Tableau]

- Built classifier model based on sentiment in YouTube comments of 70000 instances, analysed correlation with likes, dislikes, views and tags.
- Performed data cleaning and feature engineering and achieved 89% accuracy.

A Simple Relocator

[Android, ML, REST Services, Firebase]

- Analysed pattern of 100+ bank transactions and developed an application targeted to help users relocate to suggest places
- Presented at **HackGSU '19** for **NCR Corp** (using their services) and finished 4th

Self-driven Cars

[DEVS Java]

- A Component representation of entities in a Self-driving cars system handling 5+ use cases like pedestrian crossing, obstacle detection etc.

Fee and Salary Management System

[PHP, JS, JQuery, HTML5, CSS3, MySQL]

- Web app deployed at college server for 1000+ students and 200+ staff
- Automates the Fee receipt/salary payslips for students and faculty of college

Publications

IJSETR-2017 ISSN 2319-8885, Vol.06, Issue.14

Apr 2017

Designing Traffic-Efficient Scheme to Minimize Network Traffic Cost for Map Reduce Job in "International Journal of Scientific Engineering and Technology Research

IJCCS ISSN 2277-6699 Vol-4, Issue-2 IEEE Hyderabad Section

Dec 2015

Multi-Factor Authentication Using Bio-hashing in "International Journal on Computing, Communication and Systems (IJCCS)"