

SAMEERA TURUPU

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EDUCATION

Georgia State University - Master's in Computer Science GPA: 4.24 Jan. 2020 - Dec. 2021

Relevant Coursework: Machine Learning, Advance Algorithms, Big Data, Advance Software Engineering

JNTU Hyderabad - Bachelor of Technology in Computer Science GPA: 3.7 Sep. 2014 - Jul. 2017

Gold Medalist in Computer Science

EXPERIENCE

Graduate Research & Teaching Assistant Jan 2020 - Present

Georgia State University

Atlanta, GA

- Working on **NSF-supported** project - "NSF RAPID: Underground Markets for Critical Equipment during the COVID-19 Pandemic" and CINA Project
- Developed a web GUI consisting of 10+ modules for Online Graduate Management System of GSU under Dr. Yingshu Li, Director of Graduate Studies
- Maintaining Smartworld 2021: The 7th IEEE Smart World Congress, Atlanta Website
- Tutored undergraduate students and assisted the professor in labs and exams with Design & Analysis of Algorithms. Hosted weekly recitations and office hours to offer support to students

Software Development Engineer, Associate Engineer

Mar 2017 - Nov 2019

Temenos AG(Previously Kony India Pvt LTD)

Hyderabad, IN-TG

- Rolled out the model driven architecture 2.0, thereby increasing the app extensibility and upgradability by more than 80% and bagged the individual excellence award
- Developed responsive iOS, Android and Desktop web applications on 20+ modules in Kony Digital Banking suite for clients like TDECU, EHS, FSCU etc., following Agile environment

Mentee

May 2015 - May 2016

Microsoft India R&D Center

Hyderabad, IN-TG

- Performed sentimental analysis on twitter data with 1.6 million tweets using hadoop, and cancer screening application, GHCI Hackathon
- Developed a gaming app and deployed on microsoft store with 1000+ downloads ([Hawk Eye](#))

PROJECTS

Real or not? NLP with Disaster Tweets A Binary classification model using NLP to depict whether the tweet is announcing a disaster or not with 10,000 tweets using *SVM, XGBOOST, Bi-LSTM, BERT, Trello* - **Kaggle Competition** - **221 Rank, 85% Accuracy**

Smart Groc List An app to buy groceries smartly using *Bootstrap, JavaScript, AJAX, Flask, REST APIs, Machine Learning (Market-Basket Analysis)* - **Pearl Hacks 2020**

8ResQ - Covid19 App This app helps in COVID self-assessment, helps user to reserve a hospital bedspace and to request a hospital resource. *Android, Express, Node, SQL Server, Azure* - **Winner of Shellhacks '20.**

SKILLS

Languages: Python, PHP, Java/ J2EE, Javascript, MySQL, C++, C#, .NET, PostgreSQL

Technologies: React, Django, Android, Firebase, Flask, Spring MVC, AWS S3, Heroku, Apache Spark, Hadoop, XML, Microsoft Azure, JDBC, JSON, RESTful Microservices