

Sameera Turupu

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EDUCATION

- **Georgia State University - Full Scholarship along with GTA & GRA** Atlanta, GA
Master of Science in Computer Science; GPA: 4.24 Jan. 2020 - May. 2022
- **Jawaharlal Nehru Technological University - Gold Medalist** Hyderabad, IN-TG
Bachelor of Technology in Computer Science; GPA: 3.7 Aug. 2013 - July. 2017

EXPERIENCE

- **Georgia State University** Atlanta, GA
Graduate Research & Teaching Assistant Jan 2020 - Present
 - 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
- **Temenos AG(Previously Kony India Pvt LTD)** Hyderabad, IN-TG
Software Development Engineer, Associate Engineer Mar. 2017 - Nov 2019
 - 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
- **Mission RnD** IIIT Hyderabad, IN-TG
Intern May 2016 - June 2016
 - Implemented file system decoder, compiler simulations and Django application and other 20 mini projects, Received training from industry professionals for 30 days on product development, systems design and tight code
- **Microsoft India R&D Center** Hyderabad, IN-TG
Mentee May 2015 - May 2016
 - Performed sentimental analysis on twitter data with 1.6 million tweets using hadoop, and cancer screening application, GHCI Hackathon and Developed a gaming app and deployed on microsoft store with 1000+ downloads (Hawk Eye)

PROJECTS

- **Real or not? NLP with Disaster Tweets**
SVM, XGBOOST, Bi-LSTM, BERT, Trello Kaggle Competition - 221 Rank, 85% Accuracy
 - A Binary classification model using NLP to depict whether a tweet is announcing a disaster with 10,000 tweets
- **8ResQ - Covid19 App**
Android, Express, Node, SQL Server, Azure Winner of Shellhacks '20.
 - COVID self-assessment, helps user to reserve a bed space and to request a hospital resource.
- **Smart Groc List - Buy Daily Groceries Smart Way**
Bootstrap, JavaScript, AJAX, Flask, REST APIs, Machine Learning (Market-Basket Analysis) Pearl Hacks, 2020
- **CultiMate - Personal organic farming hybrid application**
Android, Bootstrap, FireBase, Javascript

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, Git, Stash, JIRA