

# Sameera Turupu

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## EDUCATION

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- **Georgia State University - Full Scholarship along with GTA & GRA** Atlanta, GA  
*Master of Science in Computer Science; GPA: 4.24* Jan. 2020 - May. 2021
- **Jawaharlal Nehru Technological University - Gold Medalist** Hyderabad, IN-TG  
*Bachelor of Technology in Computer Science; GPA: 3.7* Aug. 2013 - July. 2017

## SKILLS

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- **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

## EXPERIENCE

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- **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 R&D** IIIT Hyderabad, IN-TG  
*Intern* May 2016 - June 2016
  - Implemented file system decoder, compiler simulations and Django application and other 20 mini projects
  - Recieved 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
  - Developed a gaming app and deployed on microsoft store with 1000+ downloads (Hawk Eye)

## PROJECTS

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- **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 the tweet is announcing a disaster or not with 10,000 tweets
- **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*
- **Shopaholics - E-commerce web application**  
*Java, Bootstrap, MySQL*