

SUMEDH SURYA GARIMELLA

2001 N Adams St, Unit 831, Arlington, VA 22201 • (470) 233-3985 • sumedhgarimella@gmail.com • linktr.ee/sumedhsgarimella • US Citizen

EXPERIENCE

NCR

Atlanta, Georgia

Software Engineering Intern

May - August 2022

- In an Agile team, built endpoints in Go to push transaction data to NCR's BSL APIs and BigQuery/GCP.
- Performed QA testing using SQL queries and Postman calls on simulated transaction data.
- Developed MongoDB environment for hackathon project for facial recognition at self-checkouts.
- Created a Go module and gave a talk for a company-wide conference while learning the language

BANK OF AMERICA

Richmond, Virginia (remote)

Global Technology Summer Analyst, Chief Data Office

June - August 2021

- Used Regex and NLP techniques (NLTK) to classify confidential and proprietary bank documents
- Performed daily quality control checks/analyses of internal data (>1,000,000 records) using SQL, Excel

GEORGIA TECH COLLEGE OF COMPUTING

Atlanta, Georgia

(Graduate) Teaching Assistant, CS 3600

January 2022 - May 2023

- Led lectures on AI in the medical field

(Senior) Teaching Assistant, CS 2340

January 2020 - December 2021

- Built a course resources/practice website used by over 500+ students and managed 6 other developers

PROFESSIONAL DEVELOPMENT

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, Georgia

Student Researcher, Autonomous/Connected Transportation VIP

August 2020 - December 2021

- Processed and used KNN Regression imputation on vehicle data (>10000 timepoints) to fill simulated missing data (including data preprocessing and data visualization)
- Used AWS Rekognition to detect possible distractions for human drivers

RECENT HACKATHON/COURSE PROJECTS

Khavenue (HackGT 2022):

- Built a React application with a Firebase/Python backend to provide healthy recipes with accessible ingredients
- Utilized the Google Cloud NLP and Kroger APIs to parse ingredients from recipes and find nearby supermarkets.

Ubiquitous Computing (Spring 2023):

- Trained a classification model to detect the number of squeaks in recordings of dogs playing with squeaky toys (for analysis to determine stress levels in dogs)

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing

Atlanta, Georgia

Master of Science in Computer Science (Machine Learning)

May 2023, GPA 3.67

Relevant 2022-23 Coursework: Interactive Robot Learning, Machine Learning for Computational Biology

Bachelor of Science in Computer Science (Intelligence-Info Internetworks)

May 2022, GPA: 3.74

Minor in Music Technology

Honors/Awards: National Merit Scholar, Highest Honors, Faculty Honors, Dean's List. 2-time HackGT winner

Relevant Coursework: Natural Language Processing, Computer Vision, Machine Learning

SKILLS

Certified skills: Java, Machine Learning, Python, Go, SQL

Other skills/technologies used: HTML/CSS, JavaScript, Android, Flask, **scikit-learn**, nodeJS, **Pandas**, React, MongoDB, Agile, Azure, Git, C, Google Cloud, **PyTorch**, Tableau, **word2vec**, **doc2vec**, **TensorFlow**, matplotlib

Languages: English, Telugu, French