

SUMEDH SURYA GARIMELLA

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing **Atlanta, Georgia**
Bachelor of Science + Master of Science in Computer Science (Intelligence x Info-Internetworks) May 2022-23, GPA: 3.73
Minor in Music Technology

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

Relevant 2021 Coursework: CS 4650 (NLP), Deep Learning (CS 7643)

Other Hackathons: PennApps (Philadelphia, PA), HackSC (Los Angeles, CA), Emory-GT COVID Hackathon

EXPERIENCE

BANK OF AMERICA **Richmond, Virginia (remote)**
Global Technology Summer Analyst, Chief Data Office *June - August 2021*

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

GEORGIA TECH COLLEGE OF COMPUTING **Atlanta, Georgia**
Senior Teaching Assistant, CS 2340 *January 2020 -*

- In charge of holding and grading project demos for at least 5 teams in the Objects and Design course
- Built a course resources/practice website used by over 500+ students and manage 6 other developers

PROFESSIONAL DEVELOPMENT

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, Georgia

Student Researcher, Autonomous and Connected Transportation VIP Team *August 2020 -*

- Processed vehicle data (>10000 timepoints), used KNN Regression data imputation to fill simulated missing data
- Used AWS Rekognition (computer vision) to detect possible distractions for human drivers

Developer, GT Bits of Good *August 2020 -*

- In a 10-person team, built and shipped a safe social media platform for young girls on behalf of a nonprofit.
 - Added React and MongoDB functionality to report negative comments and approve/reject posts by users.
- Developed a Twilio chatbot in a 7-person team to help with remote health education in Guatemala (JS, TS)

Team Lead/Researcher, Smart City Infrastructure VIP (Vertically Integrated Project) Team *January 2019 - May 2020*

- Worked with 4 other researchers on triangulating road curves from GPS input and determining advisory speeds and proper signage (in partnership with GDOT)

CreateX Idea2Prototype: voilo *August 2019 - December 2019*

- Developed an Android parking reminder app with text/location reminders and walking directions using Maps API
- Launched a beta on the Google Play store for 5 users

HACKATHON PROJECTS

- uil (PennApps 2020): Built a WhatsApp chatbot with a Google NLP backend to provide context to news headlines
 - Skills used: Twilio API, Python, Flask
- ceres (HackGT 2020): Built a React Native app w/ MongoDB for ordering discounted food from restaurants
 - Skills used: React Native, JavaScript, MongoDB

SKILLS/INTERESTS

Certified skills: Java, Microsoft Word, Machine Learning, Python

Other skills: HTML/CSS, JavaScript, Android, Flask, scikitlearn, nodeJS, SQL, React, React Native, mongoDB, Agile

Affiliations: President of Art Matters, GT RoboCup (developing robotic soccer plays), GT Quiz Bowl (developed website, competed in 10+ tourneys), Bits of Good, Student Government Association (future, Mental Health/Arts advocacy)

Interests: Auditioned for Jeopardy! twice, music production (1700+ plays on Spotify, 1 record deal), DJing (Opened for Kid Koala at Ferst Center in February 2020), Monster Energy Up and Up Festival Series Ambassador for Georgia Tech