

Sahil Sudhir

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Education

Georgia Institute of Technology | B.S. Computer Science
Intelligence & Information Internetworks
3.69 Overall GPA/3.77 CS GPA, Dean's List

Atlanta, GA

August 2019 – December 2022

Georgia Institute of Technology | M.S. Computer Science
Computing Systems
3.67 Overall GPA, Dean's List

Atlanta, GA

January 2023 – May 2024

Notable Coursework: Machine Learning, Computer Vision, High Performance Computer Architecture, Data Structures and Algorithms, Database Systems, Systems and Networks, Internet Systems and Services
Extracurricular Activities: Data Science @ GT, GITMAD (Android Development)

Skills

- ❖ *Languages:* Python, C++, Java, JavaScript, C, Dart, HTML, CSS, SQL
- ❖ *ML:* PyTorch, OpenCV, Numpy, Pandas, Matplotlib
- ❖ *Web/Mobile:* Angular, Flutter, Firebase, Android Studio, Git, React.js, Twilio, MongoDB, Bootstrap
- ❖ *Misc.:* MySQL, Linux, Docker ToolBox, REST API, Jira, Kanban, Marketo

Experience

Bank of America | Software Engineering Intern
Global Markets Technology

Chicago, IL

June 2022 – August 2022

- ❖ Implemented a rule cloning feature using Angular that allows the Confirmations team to duplicate thousands of pre-existing Confirmation rules and modify 100+ keys/attributes before the rule is validated and submitted
- ❖ Upgraded the Global Trade Errors dashboard to incorporate Angular components and added features including table filtering, custom CSV table download, and updated pagination
- ❖ Tested features in the Bank's UAT environment that showed a 50% increase in efficiency for rule creation and a 35% increase in search efficiency after optimizing filtering and pagination
- ❖ Committed features through the Bank's pipeline, reviewed testing/reviewer feedback and made necessary changes, and set features to be in the product's next release that will be used by 3000+ employees working within the Global Markets Division

NCR Corporation | Software Engineering Intern
Silver Essentials

Atlanta, GA

May 2021 – August 2021

- ❖ Developed the NCR Restaurant Check-In mobile app that allows 38,000 NCR employees to "check-in" with millions of restaurants
- ❖ Added support to submit potential sales leads or escalate incident tickets in a gamified environment
- ❖ Incorporated Google Cloud Functions to create custom user achievements and submit user sales leads to Marketo and the Firebase Realtime Database for manual processing
- ❖ Designed various app pages and functionality using Google Flutter and Dart
- ❖ Finished Alpha Testing and is in Beta Testing done by hundreds of NCR employees

STREM HQ Tech Academy | Programming Instructor

June 2020 – August 2021

- ❖ Virtually taught students during the pandemic several programming concepts ranging from block-based code to Java concepts
- ❖ Developed projects from a wide variety of programs as in-class development modules
- ❖ Explored various software including WoofJS, GameSalad, Greenfoot, and many more student-friendly tools

Projects

Shushhh | Android Application

June 2020 – Present

- ❖ Created a phone silencing app using Android Studio that will turn on/off ringer based on inputted time and location constraints
- ❖ Designed several UI components including the RecyclerView on the home page and the Google Map search bar and buttons
- ❖ Incorporated SQL database to store necessary user-inputted location and time information
- ❖ Published app to the Google Play Store after passing through extensive review process

DisasterCast | Backend Service

October 2019

- ❖ Developed an SMS broadcast service using Twilio and MongoDB for HackGSU that allows organizations to contact a large amount of people to provide aid during disaster relief efforts
- ❖ Presented project at HackGSU to GSU staff, professors and 100+ students
- ❖ Won the State Farm: 100forGood Challenge First Place and Best Use of Twilio Awards for the service