

Sana Akbani

sanatakabani@gmail.com | (281) 975-7059 | [LinkedIn](#) | [Github](#) | [Portfolio](#)

EDUCATION

University of Houston

Expected Graduation: May 2024

B.S. Computer Science

Cumulative GPA: 3.86, Major GPA: 4.00

Dean's List Recipient

Fall 2021, Spring 2022

Relevant Coursework Completed: Intro to Programming (C++), Data Structures (C++), Computer Organization and Architecture (Assembly)

Current Coursework: Fundamentals of Operating Systems (C++), Design of File and Database Systems (SQL)

Technical Skills: C++, Java, Python, JavaScript, HTML, CSS, Assembly, Ruby, Ruby on Rails

EXPERIENCE

Google, Seattle, WA

Summer 2022

STEP Intern

- Worked backend in C++ on the Route Decoration Platform team under Google Maps Navigation for 12 weeks
- Reinvented the RDP API, which provides descriptive information to routes, by creating separate RDP-owned protocol buffers and refactoring 1500+ lines of RDP code in the Google codebase
- Implemented numerous unit tests and a server flag to ensure proper functionality of the new API between servers and when making real-time requests to RDP
- Selected to speak as 1 of 3 panelists on Google's Careers OnAir Intern Takeover event to an international audience of 1.5k+ live

Google, Houston, TX

Summer 2021

CSSI Scholar

- Allocated 45 hours attending daily live code-alongs, as well as configured 7+ individual coding projects utilizing complex programming concepts through a JavaScript and Firebase curriculum taught by Google engineers
- Visited product design, resume development, and software engineering interview workshops hosted by Google employees

PROJECTS

"ConocoSafe" Workplace Safety App

October 2021

- Utilized Firebase Hosting and Deployment to produce a web application designed to promote ConocoPhillips' mission on spreading awareness about workplace safety
- Integrated a Google Maps API, Google Sign in Authentication, and SMS sending with JavaScript and Python
- Presented at CodeRED Artemis Hackathon 2021

"Birthday Profiles" App

August 2021

- Worked in a team of 3 people to produce a Firebase web application within 4 days, which was then presented to 5+ Google engineers
- Incorporated a Firebase Realtime Database, Firebase Storage, Google Sign in Authentication, a Google Calendar API, a date countdown, and an email sending service to allow users to personalize friends' birthday profiles

LEADERSHIP

Google Developer Student Clubs, Lead Developer and Founding President

August 2022

- Selected as a GDSC club founder to launch the 1st chapter at the University of Houston

Scholar Enrichment Program, Data Structures Workshop Facilitator

August 2022

- Leading a workshop of 30+ students in a classroom setting where Data Structures concepts are reiterated and additional insight is provided to resolve roadblocks experienced by students

Cougarettes, Secretary & Coding Event Coordinator

May 2022 - Present

- Organizing 10+ competitive coding competitions and workshops for students to participate in, socialize, and enhance their coding skills

CodeRED Odyssey, Director of Logistics

May 2022 - Present

- Managing a team of 5 individuals to plan and coordinate all logistical aspects of hosting the annual hackathon at UH

CougarCS, Director of Workshops & CougarCS Tutor

February 2022 - Present

- Dedicated 50+ hours in providing 1-on-1 help to students in computer science classes such as Intro to Programming and Data Structures by assisting in debugging their code as well as providing guidance and tips to succeed in their classes

Other Activities and Societies: Microsoft Tech Resilience Program, Cougar AI, Cougar Athletics, UH Wellness, Active Minds