

Anish Katragadda

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EDUCATION

Santa Clara University, School on Engineering
B.S., Computer Science and Engineering

Expected Graduation: June 2026, Rising Junior

Relevant Coursework Completed/Before Program: Abstract Data Types and Structures, Introduction to Programming, Advanced Programming, Discrete Mathematics, Object-oriented Programming and Advanced Data Structures, Embedded Systems, Programming Languages, Logic Design, Computer Information System, Advanced Topics & Python Language

SKILLS

Technical: Python, C, C++, C#, JavaScript, Swift, Vue.JS, AWS, Assembly, HTML/CSS, PHP, Excel, PowerPoint, Office Suite
Practical: Creative Thinker, Team-worker, Public Speaking, Driven, Problem-Solver

PROJECTS

INRIX HACK 2023 – Parking++ – Parking is one of the biggest challenges when it comes to personal transport in big metropolitan cities. Built with a Vue.js frontend, and a Flask backend, using INRIX's Blocks API we were able to create a parking optimizer where you would be able to pick any POI, and would be giving various options depending on parameters you had entered. This would then provide you various options laid out on Google Maps and allow you to use Google Street View to preview these parking locations.

Hack for Humanity 2023 Winner – Ciocca Center Award Winner – A Different Perspective – Using Unity and C#, we built a 2-D platform game, highlighting less discussed mental health conditions such as – ODC, Dyslexia, and Body Dysmorphia.

INRIX HACK 2022 – B.U.S: Better Urban Solutions – Developed in TypeScript with an HTML/CSS frontend. We leveraged the INRIX public transit API and overlaid that data with stop data from San Francisco Public Transit to analyze how much traffic/use each stop within the city gets.

Calculator in Swift – Created a calculator app for iOS, using Swift. Swift was used to create both the graphical interface, along with the functions to perform the calculations based on User Input. Currently built for use on iPhone, designed to scale for iPadOS.

Building a Scheduler in C – Through building a graphical interface based on what the user inputs, organize inputted names and times and list them to the user based on what they are looking for such as alphabetical order, chronological order, based on their initials, etc.

EXPERIENCE

Industry Liaison – Association for Computing Machinery, SCU Chapter
Santa Clara, CA

April 2023 – Present

- Developed proposals to secure funding for Hack for Humanity 2024
- Established strong connections with companies to form partnerships with ACM and SCU
- Raised over \$22,500 of funding so far.

Los Angeles Metro, Los Angeles, CA
Metro Engineering Intern

June 2021 – August 2021

- Created pitches within teams of five to create practical expansions to the Los Angeles Metro
- Developed and Presented proposal to engineering teams, generating models for the integration of new stations and railways
- Surveyed Land, and budgeted out costs for new expansion projects

Boy Scouts of America, Los Angeles County, CA ~ Leadership Experience
Eagle Scout/ Senior Patrol Leader

May 2016 – June 2022

- Starting as a scout working up to the rank of Eagle Scout, through volunteering, managing groups of individuals, and providing services to non-profits around us
 - Volunteered for more than 600 Hours
 - Managed troop funds, worked with organizations to incorporate scouts as volunteers, and created and implemented a project to remodel local church's pre-school
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