



Sathya Hari

US Citizen | sathyah@andrew.cmu.edu | (412) 773-2449

Website: sathyahari.com | github: sathyahari9 | dribbble: sathyahari9

EDUCATION

CARNEGIE MELLON UNIVERSITY

B.S. Information Systems | 2018 – 2022

GPA- 3.4, Additional Major – Statistics,
Minor- Computer Science

Relevant Coursework

Principles of Imperative Computation

Fundamentals of Programming

Concepts of Mathematics

Information Systems Miliuex

Reasoning with Data

DELHI PUBLIC SCHOOL, GURGAON, INDIA

Subjects- Science stream + CS

CBSE Standard 12- AISSE 95.8%

SKILLS

Language skills: English (Native), Hindi (fluent),
Tamil (fluent)

Programming: C, C++, Python, JavaScript,
PHP, Version Control, SQL

Frameworks: ReactJS, React Native, Django,
Redux, Laravel, OpenCV

Software: Adobe XD, Sketch, Figma,
Blender 3D

ACTIVITIES

Enactus (Pro-bono consulting)

Vice President

- Lead efforts to recruit new members and help coordinate departments such as marketing, business development, and consulting
- Handle outreach to get clients for the club's pro-bono consulting initiative
- Organized guest lectures by social entrepreneurs in the Pittsburgh community

Alpha Kappa Psi (Business Fraternity)

Service + Philanthropy Chair

- Organized volunteering events for fraternity in the greater Pittsburgh area
- Fundraised \$1500 for the Alpha Kappa Psi Scholarship fund initiative
- Led a committee in efforts to reach out to local high school students and select an awardee

EXPERIENCE

LOOPLA | SOFTWARE ENGINEERING INTERN

Pittsburgh, PA | Jun 2019 – Aug 2019

- Used technologies such as Django and ReactJS to build core features for a platform to connect people in order to help them complete their daily tasks easily
- Pitched and led development of engagement features to increase retention and provide an easier onboarding process for new users
- Implemented a socket.io server to reduce API calls and give immediate updates to all users

THOMAS MERTON CENTER |

OPERATIONS MANAGEMENT INTERN

Pittsburgh, PA | Oct 2018 – Jan 2019

- Managed logistics and business processes for local grassroots organization
- Streamlined payment methods, managed online presence, and created documentation for outreach

FREELANCE FULL-STACK DEVELOPER

New Delhi, India | April 2017 – June 2018

- Developed a website with an interactive prototype for getshooping.com- an AI-enabled shopping assistant
- Built the full stack for a platform called Donate Your Weekend, to connect NGOs with social initiatives to find volunteers in nearby areas
- Created a web platform for a shampoo company called Iluvia Professional to connect with customers and help drive online sales

PROJECTS

PIANO HERO

- Created a virtual piano game project using OpenCV and pyAudio that tracked finger-motion to play piano keys and score points
- Implemented threading to run audio and video concurrently
- Used graphic libraries to create an immersive user experience
- Game had different modes with different capabilities and functionality

TELLR

- Built a cross-platform native app to enable visually challenged users to do banking
- Incorporated disability centric features such as disability-friendly typography and voice-control
- Built as part of the Capital One Software Engineering Summit
- Used React Native to create the app and expo for testing

C0VM

- Used C to create a virtual machine to execute code written in C0, a subset of C
- Implemented various functionality such as error-handling, arithmetic computation, function calls, and memory allocation