Deetya Iyer

deetya.iyer@gmail.com | (812)-343-9268 | www.linkedin.com/in/deetya-dee-iyer-026069156

Education

Carnegie Mellon University | Pittsburgh, PA   **2020 - 2024**
Bachelor of Science in Electrical and Computer Engineering
Carmel High School | ACT: 36 GPA: 4.23   **2016 - 2020**

Relevant Coursework

Fundamentals of Programming & Computer Science	Calculus in 3 Dimensions
AP Statistics (high school)	Digital Electronics PLTW (high school)

Experience

FIRST (For Inspiration and Recognition of Science and Technology) Robotics   **2016 - 2020**
○ Leader of programming & electrical sub-team, served as a technician for two FIRST Robotics teams
○ Developed robot code in LabVIEW and Java, using Object-Oriented Programming concepts.
○ Implemented motion profiling algorithms to autonomously control the robot in competition.

Hour of Code   **2018 - 2019**
○ Planned and volunteered at Codefest and Hour of Code events in Carmel, IN, to promote computer science among elementary schoolers. Coordinated 70 volunteers for 18 individual stations.

Code Ninjas - Code Sensei   **2018 - 2020**
○ Supported students learning coding basics through game design and development. Led app development camp for 12 kids. Specialist for pilot junior curriculum.
○ Substituted for manager, including supervising other Senseis and maintaining the facility.

Nexus Impact Center (coworking space) Internship   **2020**
○ Interviewed Nexus member companies about respective social enterprise efforts.
○ Collaborated with coworkers to put together a physical display to embody the social impact and business revenue of member companies.

Projects

allyConnect   **2018 - 2019**
A proof-of-concept app allowing users to connect with those in need and provide assistance in diverse ways. Won third place in Indiana 5th District Congressional App Challenge.

CouchPolitics   **2019**
Created at Hack Cincinnati with two teammates - provides bite-sized information about candidates in local elections based on user zip code.

Bridge Gap   **2020**
Created virtually during HackMIT with three teammates - matches gap-year students to teachers in remote classrooms to provide assistance and fulfill one-on-one tutoring needs.

Fundamentals of Programming & CS Term Project (work in progress)   **2020**

Skills

Computer:
Proficient: Python, LabVIEW, LaTeX, Microsoft Office, Git/GitHub, Linux-based and Windows OS
Familiar: Java, HTML/CSS, Dart/Flutter, Firebase, JavaScript
Other:
Fluent in Spanish with 5 years of academic experience
Experienced in leadership, organization, and teamwork

Awards and Recognitions

○ 2019 - 2020 National Merit Scholarship Winner
○ Recipient of the NCWIT Indiana Affiliate Award for Aspirations in Computing 2020
○ Third place winner of Congressional App Challenge 2019 - IN 5th Congressional District