

Pari Shah

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EDUCATION

West Windsor Plainsboro High School North

September 2016 - June 2020

GPA: 4.0/4.0

Plainsboro, NJ

University of Michigan

August 2020 - December 2023

Bachelor of Science in Computer Science & Cognitive Science

GPA: 3.5/4.0

Ann Arbor, MI

Relevant Undergraduate Coursework: Advanced Java Programming, Data Structures and Algorithms, Applied Linear Algebra, Statistics & Data Analysis, Discrete Math, Introduction to Cognitive Psychology, Foundations of Computer Science, Computer Architecture

Technical skills: Proficient in Java, Python, C++, R, MATLAB, OpenCV

RESEARCH

Researcher, Georgia State University REU Smart and Autonomous Internet of Things Systems

June 2021 - July 2021

- Designed a reliable cloud robotics system using Python WebSockets and OpenCV to understand the concept of using cloud-based operations for conducting remote experiments and controlling testbeds
- Setup 2 remotely controlled robots that performed operations in tandem through remote commands and programs

Research Assistant, University of Michigan School of Information

Oct 2020 - April 2021

- Determined participants' cognitive load when they were attempting Python programming problems, using Tobii Pro Fusion eye tracker
- Parsed through CSV file filled with participants' programming problem solutions to analyze cognitive load to improve future educational technology that will help students better learn programming concepts

Google Computer Science Research Mentorship Program (CSRMP)

Feb 2021 - March 2021

- Conversed one-on-one with a Google mentor to gain solid feedback tailored to my computing interests and goals
- Networked with 296 other computer science students in the US and Canada to increase awareness about various computing research pathways

Independent Research

July 2019 - Nov 2019

- Authored a paper on Asynchronous Coded Electric Skin and its applications in robotics and HCI

WORK EXPERIENCE

Youth Mentor, Code Ninjas, NJ

July 2018 - Oct 2018

- Guided youth on how to program in Scratch using a visual curriculum to help them build a strong foundation of coding and critical problem-solving skills

Studio Assistant, Color Me Mine, NJ

Feb 2020 - April 2020

- Greeted customers and assisted every party individually to cater to their creativity and goals for their painting session

LEADERSHIP AND ACTIVITIES

Active Member, Phi Sigma Rho Sorority, MI

Feb 2021 - Present

- Volunteered in social and community service events to help create a strong sisterhood for girls in engineering

Active Member, Girls in Electrical Engineering & Computer Science (gEECS), MI

July 2020 - Present

- Contributed to coffee chats, book clubs, and mass meetings about tech-related topics to network with and support other women who are passionate about computing

Director, TechGirls, NJ

Jan 2018 - April 2020

- Provided middle school girls opportunities in web development, virtual reality, and social entrepreneurship to encourage exploration of computing fields and to increase the percentage of females pursuing computing careers