Abhee Jani

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelors in Computer Engineering w/ Minor in Stats September 2021 – May 2025

- Relevant Coursework: Computer Systems Engineering (ECE 391), Data Structures (CS 225), Digital Systems Laboratory (ECE 385), Computer Systems & Programming, Statistics and Probability I and II

EXPEREINCE

Abbott Laboratories June 2023 – Present

Software Solutions Intern, remote

- Leveraging Python to develop a database management system, facilitating efficient storage and retrieval of procurement data
- Assisting in SharePoint administration, streamlining document management and collaboration processes
- Supporting data visualization efforts using Power BI. Utilizing Microsoft Flow to automate routine tasks to increase team's productivity

Quantum and Nano Photonics Lab September 2022 – Present

Research Assistant, UIUC

- Built on Python based lab application to develop a 300% more efficient method to connect software to hardware devices
- Incorporated statistical analysis in creating graphs to understand status of the lab experiments
- Used Python multithreading techniques to optimize logic functionality

Echo Kids May 2022 – August 2022

Web Developer/Intern, Remote

https://www.echokidsmusic.com/

- Designed webpages of interactive music related games for EchoKids' students
- Involved in frontend web development using JavaScript and other software such as Bubble.io and Figma

Coding for a Cure May 2020 – February 2021

Founder/Instructor, East Brunswick, NJ

https://abheejani.github.io/CodingforaCure/

- Developed a website for introductory Java based online classes
- Put together a 10-hours curriculum and set up a virtual classroom environment
- Brought in students of all ages, from school students to working professionals and all the proceeds were donated to the American Cancer Society

ACTIVITIES

SortBot / Honors Lab Project September 2021 – December 2021

Technical Lead/Co-Creator, UIUC

https://wiki.illinois.edu/wiki/display/ECE110HLSF15/Automated+Sorting+Bot

- Created a robot using Google Vision API and a Raspberry Pi that was programmed to sort a pre-determined set of objects
- Applied concepts such as logic gates and debug circuitry to develop the algorithm for the SortBot

Hour of Code / Code Club September 2017 – June 2021

President, East Brunswick High School

- Organized multi-annual tech events that students can participate and present their coding skills in form of workshop
- Led a group of 15 club members to set up both, in-person and virtual booths for events
- Coordinated logistics end to end like communicating with venue staff, other school clubs, teachers, etc.

SKILLS

Computing: Spring Boot, Linux, Git, Google Vision API, Microcontroller Processing, Algorithms in Systems, Circuit Analysis, Power BI and Microsoft Flow

Languages: Java, Python, C, C++ JavaScript, HTML/CSS, R, MySQL