Eshaan Tibrewala

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Education

University of Illinois at Urbana-Champaign   Anticipated Graduation: May 2025
Bachelor of Science, Computer Engineering   **GPA: 3.81**
    Current Courses: Analog Systems Processing, Discrete Structures, Differential Equations
    Relevant Courses: Introduction to Computing, Introduction to Electronics, Computing Systems and Programming

Professional Experience

Student Researcher, WaggleNet   2021 - Present | Champaign, IL
- Examined raw audio data in beehives to better understand queen bee behavior
- Utilized Raspberry PI to store live audio data from beehives
- Designed hardware that safely collected audio data without interfering with the bees' natural behavior

Sales Intern, ROHA USA   2020, 2021 | St. Louis, MO
- Marketed products to existing customers and helped attract new customers utilizing CRM system
- Assisted sales managers with research into the food and beverage industry to identify new customers
- Leveraged partnership with lab teams to assist with the technical sales

Camp Counselor, Camp Pegasus at MICDS Pegasus   2018-2022 | St. Louis, MO
- Supervised and maintained a safe environment for groups of 20-30 youth campers
- Collaborated with counselor teams to organize group activities for youth campers
- Incorporated a variety of sports and games to keep campers engaged through the day

Project Work

Python Investment Portal
- Programmed a personal investment portal using APIs and Python
- Integrated original investment strategy to analyze stocks
- Used Pandas libraries to create an interactive OHLC Graphs displaying real time data

IlliniEV SD Card Module with Arduino
- Integrated SPI protocols for data transfers to SD card
- Researched schematics of SD card module attachments for Arduino
- Designed an SD card module to store performance data of the vehicle

Organizations & Activities

Co-President, Asha for Education - UIUC Chapter   2021- Present | Champaign, IL
- Organized a campus Holi event with over 2K attendees from the Champaign – Urbana community
- Exceeded fundraising expectations by raising over $23K compared to $15K during 2018 Holi Event
- Dispatched disbursement funds to 3 schools in India which focus on underprivileged education

Consultant, Champaign – Urbana Business and Engineering Consulting   2022 – Present | Champaign, IL
- Investigated existing patents to check for potential patent infringement claims on a new product
- Tracked online forums to measure potential market size and interest for a student start up
- Analyzed various raw materials for the initial product design for a tech start up

Skills

Languages: Assembly (LC-3), Java, C, C++, Python, JavaScript, HTML, CSS
Software: React, Next.js, Flask
General: Git/Github, Microsoft Office, Google Suite, CAD