Jabili Gadde

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EDUCATION

The College of New Jersey, Honors Program   **August 2019 - PRESENT**

B.S. Computer Science 2023, Interactive Multimedia Minor   GPA: 3.971

Coursework: Data Structures, Algorithms, Data Science, Computer Architecture, Database Systems, Operating Systems

EXPERIENCE

The College of New Jersey - *Mentored Undergraduate Researcher*   **February 2020 - PRESENT**

- Shadows ongoing full stack mobile application project supporting TCNJ's recycling and environmental initiatives
- Works with other mentees on backend support, front end mobile app, and front end web-based admin portal

The College of New Jersey - *Computer Science Tutor*   **September 2020 - PRESENT**

- Tutors students in coursework such as Data Structures, Computer Architecture, and Algorithms
- Relies on strong content knowledge to help tutees in struggling areas

Black Rocket - *Assistant Instructor*   **May 2020 - August 2020**

- Prepared technology and coding related projects to present course material to class
- Taught and assisted students with subject material such as Python, HTML/CSS, and JavaScript

ACTIVITIES

Kappa Theta Pi - *Co-Ed Professional Technology Fraternity*   **February 2020 - PRESENT**

- Director of Finance   **December 2020 - PRESENT**
  - Creates and manages fraternity's budget through routine documentation of all funds and transactions
  - Oversees all financial affairs such as managing funding and expenses for the fraternity's events and supplies, and calculating and collecting dues
- Fundraising Chair   **April 2020 - December 2020**
  - Implemented and organized fraternity's fundraising events
- Emerging Leader Award   **December 2020**

The Association for Computing Machinery - *HackTCNJ Director of Sponsorship*   **August 2019 - February 2021**

- Led sponsorship initiative, including setting up a plan and timeline for emailing various companies
- Organized the companies' responses and maintained a relationship with interested companies

PROJECTS

Engauge - *Cisco Webex Virtual Hackathon, 3rd Place Category*   **December 2020 - January 2021**

- Created Engauge, a tool that provides audience analytics for the presenter so that the presenter can dynamically change their presentation styles and increase engagement   Demo Video
- Used Microsoft Azure's Custom Vision to create and train a machine learning model that determines whether or not a person is paying attention
- Used HTML, CSS, and Javascript to implement a front end that demonstrated our machine learning model

Recipes for Cancer Patients - *HackDown 2020, Best Overall Hack*   **October 2020**

- Front end project that allows the user to fetch and filter recipes based on meal type and various ingredients that are beneficial to cancer patients   Devpost Link
- Used HTML, CSS, and Javascript to build the front end and incorporated the spoonacular API in order to filter recipes based on user specifications

Data Science Final Project   **May 2020**

- Developed a Shiny App with interactive graphs and tables using R regarding whether or not majors with more men than women tend to have higher salaries   Shiny App Link

SKILLS

Proficient In: Java, C++ **Familiar With:** C, R, Python, Swift, HTML, CSS, C# **IDEs:** Eclipse, Visual Studio, XCode, RStudio

AWARDS

Excellence in Computer Science - West Windsor-Plainsboro High School South, **Girl Scouts Gold Award**