AAYUSH BHATTA

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Education

Fisk University	**Expected Graduation Date: May 2024**

Bachelor of Science in Computer Science
GPA: 3.90/4.0

Relevant Course Work: Introduction to Computer Science (I&II), Machine Learning for Social Science, Data Structures and Algorithms, Introduction to Computer Architecture, Operating System, Applied Data Structures (**Google Tech Exchange**), Software Development Studio (**Google Tech Exchange**), Calculus I&II, Linear Algebra, Statistics.

Skills

Languages: Python, JavaScript, TypeScript, Java, C#, HTML5, CSS3, Bootstrap 5, SQL, Kusto, C
Tools & Frameworks: React JS, Flask, Django, Git, GitHub, MongoDB, Firebase, Postman, Google Cloud Platform, Figma

Experiences

MICROSOFT CORPORATION (Redmond, WA)   **May 2022 – Aug 2022**
Software Engineering and Program Managing Intern
- Worked as a full stack web developer to create an extensible investigation framework using **React** and **TypeScript** for the frontend and **C#** and **Kusto** for the backend that helps **5000+** engineers to find out the issue for the slowest running query when customer files a ticket.
- Added a tab in the existing data warehouse website under **Azure Synapse team** that helps the engineers to filter the data and show it in the form of bar diagram based on the hash of provided data.
- Came up with an idea of how **Microsoft Azure** can improve on troubleshooting the issues of slowest running query for the better customer experience by comparing it with the **Amazon Redshift**.
  Skills: React (Typescript), C#, Kusto, Git, Azure Services, Program Management, Public Speaking

GOOGLE (Mountain View, CA)   **Jan 2022 – May 2022**
Tech Exchange Scholar 2022
- Selected from a competitive pool of applicants to participate in Google Tech Exchange program – 2022 to explore cutting edge technologies in **Software Engineering, Product Management,** and **other careers** with Google engineers.
- Learned and implemented different software development approaches like creating **design docs** and **test-driven development** including **unit** and **integration tests**.
- Created two **full stack web applications** working with the team of 3 under the supervision of Google engineers.
  Skills: HTML, CSS, JavaScript, Flask (Python), MongoDB, Google Cloud Shell, Figma

ROSENWALD INTERN (Nashville, TN)   **May 2021 – Present**
Software Engineering Intern
- Utilized **HTML**, **CSS**, **Bootstrap**, and **JavaScript** to develop the frontend of Fisk University's Rosenwald Library to showcase the digitalized images of five thousand Rosenwald Schools.
- Collaborated with the team to create the filtering feature to make it easier for users to search the school based on state, county, and built year using **spring boot – Java**.
  Skills: HTML, CSS, JavaScript, Bootstrap, Spring Boot – Java, Figma

Projects

Safe place finder - Google Tech Exchange Group Project – *HTML, CSS, JavaScript, Flask, MongoDB*
- Designed a web app, where users can see if the place where they are moving in is safe to stay or not as the web app allows user to read other people's experiences at that location.
- Used Google maps API to show the exact location of incident to let the user know about the incident on the location they saved on their profile.

Personal Assistant – Personal Project |[GitHub]| – *Python*
- Designed a personal assistant where users can send emails, search music on YouTube, search on Google and Wikipedia, listen to the news, and so on with few verbal commands using python libraries like Beautiful Soup, Speech Recognition and PyAutoGUI.

College Search Guide – Group Project |[GitHub]| – *HTML, CSS, JavaScript*
- Created a website to help international students applying to U.S. universities by providing all the relevant information such as scholarship information, deadlines, required SAT scores, and allows students to reach out to the admission department.
- Used by more than 1500+ students among which 250+ students got accepted into different colleges and 10 of them got full scholarships.

Company GUI – Personal Project |[GitHub]| – *Java*
- Created a GUI based app using object-oriented programming that allows to add new company to the database, show different companies with their perks and benefits, remove the company, and sort the information based on their names, established year, and location.

Confess Note – Personal Project |[GitHub]| – *React JS, Firebase*
- Created a confess note, where users can post their confession, which they don't want to share with others, and the app will automatically remove the confession within 24 hours.

Leadership and Activities

Above and Beyond Computer Science Program – Meta   **Aug 2022 – Present**
- Selected from a competitive pool of applicants to participate in the workshop provided by Facebook engineers, where they teach data structures and algorithms to prepare for the coding interviews and help to build our soft skills.

University Innovation Fellows Program – Stanford University   **Aug 2022- Present**
- Selected from a competitive pool of applicants from across the world that helps to empower students to become agents and voice in the global conversation for the change in the future of education.
- Becomes familiar with the innovation and entrepreneurship at my school and develop system thinking skills and learn variety of design approaches.

Additional Information

- **Honors:** Fisk Executive Leadership Program 2021-2022, Provost Scholar - Fisk University (Full-Tuition Scholarship), W.E.B Dubois Honors Program (Aug 2020 – Present), Annual and Endowed Scholar 2020.
- **Hackathons and Clubs:** Equinix Hackathon, Zillow HBCU Hackathon - 2021, Cuse Hacks Hackathon -2021, Winner of Google HBCU Coding Challenge (2021 & 2022), Fisk Rocket Science Team, Fisk Computer Science Club.