SAMPADA POKHAREL

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EDUCATION

Brandeis University, Waltham, MA   **Expected Graduation May 2023**
Double B.A. in *Computer Science* and *Business*

RELEVANT EXPERIENCE

Software Engineer, *Weelrn*   **September 2022 - Present**
- Architect a multi-page web application that integrates with open source API to build a chatbot interacting with instructors
- Use Selenium for unit testing and Storybook to perform user testing

Data Science Intern*, Bristol Myers Squibb*   **June 2022 – August 2022**
- Utilized OpenAlex API and R packages to develop a dashboard with queried information for data visualization and analysis
- Architected and implemented a website using Quarto
- Improved large-scale data collection dashboard by allowing users to search and modify previous commit

Quality Assurance Intern, *Agenus*   **May 2021 – August 2021**
- Architected and implemented corporate glossary management system allowing upper management to view and analyze 5000+ Quality related data
- Architected a file request system and used MochaJS for error tracing

Junior Software Engineer, *Taptapes*   **January 2021 – May 2021**
- Developed a landing page using React, MUI, Javascript, and HTML/CSS
- Used Storybook, a workshop for building UI components, to perform user testing
- Architected various web pages through collaboration with CTO and design team

Team Leader/Instructor, *Each One Teach One*   **June 2020 – April 2021**
- Created and taught technology curriculum for 47 high school interns to prepare them for careers in STEM
- Developed lesson plans on "Coding in Python" and "Developing a Mobile Application" using Flutter and React
- Served as a mentor, educator, and a resource to foster a growth mindset for over 20 students

Junior Software Engineer*, Vibo*   **August 2020 – December 2020**
- Created a data analytics tool that uses Vibo's event data to identify song trends
- Built an music data API that retrieves and returns music info of songs using Node, Express, and Typescript

Business Consultant, *Reign*   **January 2020 – May 2020**
- Researched real estate and CRE investment trends in the United States since 1900
- Compiled deliverables each week to inform the company about the competitive landscape and changes in the market
- Presented our research and gave recommendations based on the data collected with six teammates

LEADERSHIP POSITIONS

Coordinator, *Community Connections - Waltham Group*   **December 2019 – Present**
- Effectively communicate with 100+ volunteers and partnered with 6 organizations
- Work with coordinators to plan one-time volunteering events each month to serve the Waltham community

Community Advisor, *Department of Community Living*   **August 2020 – Present**
- Fostered the development of relationships among 60+ residents by planning monthly programs
- Worked collaboratively with residents to build safe, welcoming, and inclusive community

Racial Minority Senator, *Brandeis Student Union*   **December 2019 – August 2020**
- Worked on improving policies that can be more inclusive and beneficial to POCs
- Proposed and hosted different diverse events with other cultural clubs and colleges during interfaith dialogue

SKILLS

Languages/ Frameworks: Python, Java, React, Javascript, Node, HTML/CSS, MongoDB, R, Git, GitHub
Languages: Nepali (fluent), Hindi (fluent), and Spanish (intermediate)