Yixin Deng
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EDUCATION

Boston University   **Expected Graduation: May 2022**

Bachelor of Science in Hospitality and Communication, Minor in Computer Science   *GPA*: **3.61**

Related Coursework: Data Structure, Algorithm, Computer Systems, Discrete Math, Linear Algebra, Software Engineer, Web App Development, Introduction to Databases, Mobile Development, Concepts of Programming Languages, Business Analysis

Honors: Dean's List 2020, 2021

SKILLS

- Programming Languages: JavaScript, Python, Java, C, HTML, CSS, SQL, Ocaml, R, Swift
- Technologies: ReactJS, React Native, Flask, MySQL, MongoDB, Bootstrap, JQuery, Firebase
- Tools: Familiar with Git and Github, VSCode, Android Studio, XCode
- Design Tools: Adobe Creative Suite, Figma, Canva

EXPERIENCE

Mobile Application Developer   **October 2021 - present**

VolunteerMatch, Oakland, CA

- Participated in building an iOS social media app for volunteers and non-profit organizations to communicate with each other aimed to increase the users by 30%.
- Developed a moment function to allow users to share their pictures and thoughts.
- Designed and implemented a preference feature to allow users to save users' preferences on their volunteering interests and used them to filter the volunteer opportunities.
- Used Apollo iOS and GraphQL API to connect frontend with backend.

Mobile Application Developer   **June 2021 - present**

Develop for Good - Environmental Defense Fund, Stanford, CA

- Led the team to develop an app intended to help more than 2,500 local users automatically format an environmental pollution report and send it to governors.
- Designed the UI and built a prototype using Figma.
- Implemented the mobile app frontend with React Native for cross-platform usage.

PROJECTS

Clothes Rental App   **September - November 2021**

- Built an Android app aimed for 1,000 users to list their clothes for rental and rent clothes from others within a 4-member team.
- Designed and implemented a filter system with Cloud Firestore database's queries and a search function with Algolia API.
- Utilized Google Map API to display products near the user, and Stripe API for payment.

Online Social Photo Network Application   **February 2021**

- Built an online photo-sharing application intended to allow 500 users to create accounts, upload photos, search photos, like, and comment on others' photos with Flask and Jinja2.
- Developed photo and friend recommendations function using the relational database queries.