Lizzy Wang

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Highly motivated 4th year EECS student from UC Berkeley with a passion for web development and UI/UX. 4 years experience with software development and 2 years experience with web development. Experience writing customer-facing code within large-scale projects. Graduating in Dec 2023 and seeking a full-time software position starting early 2024, start time flexible. Quick learner and eager to learn new technology. Open to remote work. Feel free to contact me for more examples of my work.

EDUCATION

University of California, Berkeley   Aug 2020 - Dec 2023
- **Major:** Electrical Engineering and Computer Science **(GPA: 3.97/4)** with the Berkeley Certificate in Design and Innovation
- **Coursework:** Design of Computer Programmes, Data Structures and Algorithms, Operating Systems, Efficient Algorithms and Intractable Problems, Intro to AI & ML, Full Stack Web Dev, Database Systems, Computer Architecture, Data Science
- UC Berkeley National Engineering and Computer Science Honor Society, Engineering Honor Society (2021, 2022, 2023)

EXPERIENCE *- references available upon request*

Socket Mobile Inc. - Web Development Intern *[current]*   May - Dec 2023
- Led redesign of company site across 8 countries, implementing a modern, intuitive UI with CSHTML, JavaScript, jQuery.
- Utilized C# and .NET backend framework to manage data and facilitate seamless user interaction for less technical users.
- Revamped 10+ existing designs from scratch, improving readability by 40% and implementing modern design principles.
- Actively participated in bi-weekly meetings and contributed ideas within a cross-functional team of 12 members.

Circles.Life - Labs Software Engineering Intern (Web Frontend & UI/UX Design)   May - Aug 2022
- Designed and implemented a Tableau-like UI for a data analytics site that increased usability and intuitiveness by 40%.
- Refactored sites using React components and libraries like charts, tables for user engagement, doubling clickthrough rate.
- Designed a dashboard and delivery flow on Figma following research and User Testing that improved ease of use by 70%.

PROJECTS

Extended Reality @ Berkeley - Executive Board Design & Marketing Lead   2021 - 2023
https://xr.berkeley.edu/
- Spearheaded the world's largest student-led XR club, orchestrating dynamic events for 50+ members and 600+ alumni, that fostered strategic alliances with industry giants like Niantic for lucrative sponsorships and enriching workshops.
- Reimagined the club's image, breathing new life into branding through flyers and merchandise, as well as a complete website overhaul using HTML, CSS and React, ultimately leaving an indelible digital footprint.

Berkeley Innovative Design - Web Gold Team (Developer & Designer)   2022
- Designed and developed websites for multiple student organizations using Figma and React, actively communicating with clients to incorporate continuous improvements such as enhanced readability and usability with graphics and animations
- Led a UI/UX and Design workshop for a club of approximately 100 students, as well as members of the public.

Gitlet - Java   2021
- Developed a version control system that mimics Git, including init, add, remove, commit, branching, log, merging.
- Maintained a repository that stores serialized and encrypted files with SHA1 hashes in Hashmaps and Hashtrees for fast breadth-first traversals, resulting in improved data processing times by up to 50% compared to previous implementations.

VOLUNTEERING

RoboCup Asia Pacific   RCAP CoSpace Rescue Head Judge - 2017
https://robocupap.org/   RoboCup Junior Organizing Committee CoChair- 2018, Member - 2021
- Led team of 10 volunteers as head judge to manage the CoSpace Rescue league at RoboCup Asia Pacific in 2017 and 2018.
- Conducted technical interviews and acted as a bridge between >50 people of diverse backgrounds and nationalities to settle disputes and ensure a fair and smooth competition experience to over 200 teams from 30 countries each year.
- Awarded the RoboCup Singapore Distinguished Service Award in 2022 for contributions to the organization

SKILLS

- **Software:** Python (9/10), Java (8/10), HTML/CSS/JavaScript (9/10), React (8/10), Node.js, MongoDB, C, C#, SQL, jQuery
- **Design:** Design framework, high/low fidelity prototyping, UI/UX, Adobe Photoshop, Illustrator, Premiere Pro, Figma
- **Others:** Jira, Git, BitBucket, strong communication, problem solving skills