Lizzy Wang

lizzywang.netlify.app

Email: yuchen.w@berkeley.edu | **Mobile**: +1 (510) 674 5626 | **Address**: 2540 College Ave, Berkeley, CA 94704

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

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 new designs and React components to increase user engagement, doubling user clickthrough rate.
- Familiarized myself with frameworks like Javascript, Typescript and React, and libraries including charts, tables and maps.
- Designed a dashboard and delivery flow on Figma following research and User Testing that improved ease of use by 70%.

PROJECTS

Berkeley Innovative Design - Web Gold Team (Developer & Designer)   2022
- Designed and developed a research group website in Figma and React, focusing on consumer culture and climate change.
- Iterated on multiple versions of the product, actively communicating with clients to incorporate continuous improvements.
- Enhanced readability and usability by 200% by refactoring wordy content and implementing 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.

AWARDS
- UC Berkeley National Engineering and Computer Science Honor Society, Engineering Honor Society (2021, 2022, 2023)
- RoboCup Singapore Distinguished Service Award (2022)
- Singapore Edusave Award for Achievement, Good Leadership and Service (2019)
- Odyssey of the Mind Singapore Nationals - 1st Place, World Finals - Top 12 (2017)
- RoboCup Junior Singapore Open OnStage League - 2nd Place (2017), 1st Place (2016), International Top 10 (2016)

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