

Yao Z. Xu

Full-stack Software Developer

P. 510-457-8520 yzxu03@gmail.com [LinkedIn](#) [Github](#) [Portfolio](#) San Francisco, CA

SKILLS

Front-End Technologies: React, Redux, JavaScript, TypeScript, HTML5, CSS3, Material UI (MUI), jQuery

Back-End Technologies: Ruby, Ruby on Rails, SQL, SQLite3, PostgreSQL, Mongoose, MongoDB, Express.js, Node.js

Build & Deployment: Webpack, Git, Heroku, Amazon Web Services (AWS)

EXPERIENCE

AI Trainer & QA Specialist | *ScaleAI* July 2023 - Present

- Devised and executed a comprehensive strategy for enhancing the AI response quality, resulting in 5% increase to accuracy ratings
- Specialized in handling intricate queries and providing desired output, setting a standard for AI-generated responses that demonstrated accuracy and relevance
- Conducted thorough reviews of AI-generated responses from large language model (LLM) ensuring consistency, accuracy, and readability to maintain high standards
- Applied system for identifying and promptly escalating critical exceptions to the relevant department, effectively reducing project turnaround time
- Continuously refined training methods, staying up-to-date with industry best practices and adapting to evolving AI technology and query trends

Software Engineer (Assistant) | *AppAcademy* Sep 2022 - Present

- Designed and implemented a custom Customer Relationship Management (CRM) platform, streamlining team workflow while replacing legacy spreadsheets
- Developed a platform using Material UI that could be easily tailored to our specific needs, accommodating future expansion and evolving requirements
- Crafted an intuitive and user-friendly interface, ensuring that team members can quickly adapt to new system without extensive training
- Incorporated advanced data analytics features to provide insights, enabling data-driven decision-making and process improvements
- Conducted comprehensive debugging of full-stack applications, identifying and resolving issues in both front-end and back-end components to ensure high quality code and future maintainability
- Promoted and maintained Agile methodology, focusing on iterative development, continuous integration, and regular feedback cycles to streamline project workflows, reducing project completion times by an average of 10%
- Demonstrated a commitment to staying updated with evolving industry trends and advancements in core technologies, ensuring a deep understanding of relevant tools and methodologies and resulting in timely resolution of issues

Microscopist | *EMSL Analytical* June 2021 - Oct 2021

- Took a proactive approach to sample management, implementing strategies to enhance handling and processing of samples
- Incorporated time management skills to optimize sample analysis efficiency increasing task completion rates by 15%
- Rapidly grasped complex analytical techniques to achieve order completion rates matching senior analysts within just one month

PROJECTS

MeetingMinutes (JavaScript, TypeScript, React, Redux, Rails, PostgreSQL, MUI, React on Rails) [Live Site](#) | [Github](#)

A full-stack app designed for my team at AppAcademy to organize and visualize meetings for better data-driven decision-making

SocialNetwork (JavaScript, React, Redux, SCSS, Rails, PostgreSQL, AWS) [Live Site](#) | [Github](#)

A full-stack app clone of Facebook where users can post, comment, upload images and add friends

MapStatesToPosts (JavaScript, React, Redux, CSS, MongoDB, Express, Node.js, AWS) [Live Site](#) | [Github](#)

An online postcard full-stack app where users can upload images of states they have visited and explore other user's posts

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (Mar 2022)

University California @ Berkeley - BA - Molecular and Cell Biology - Cell and Development (Dec 2020)