Joseph S Camyre

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EDUCATION

University of California Los Angeles   Los Angeles, CA
Bachelor of Science in Computer Science, GPA: 3.43   *Sep 2021 – Jun 2024*
- Courses: Intro to Computer Science, Data Structures and Algorithms, Computer Organization

PROFESSIONAL EXPERIENCE

Viasat   Boston, MA
Frontend Web Development Intern   *Jun 2022 – Sep 2022*
- Viasat Beam team member, build **React component library** for **all** Viasat Frontend Developers using **TypeScript**, **SASS**, **HTML,** impacting **100,000's** of Viasat customers' website experience
- Rolled out **unit testing** with **Cypress** to ensure **accessibility** and **functionality** in **all scenarios**, reducing customer **bug reports** by **15%**
- Utilize **Storybook** to **streamline** the process of **designing accessible** and **user-friendly interfaces**
- Reached out to **UX** team to discuss **implementation feasibility** and **new designs, increasing throughput** by **24%**

ACM Dev Team   Los Angeles, CA
Frontend Developer   *April 2022 - Present*
- **Spearheaded** development of informational Open-source website using **Next.js, Octokit, Netifly, TypeScript**
- **Reduce** number of API calls by **60%** by caching using server-side static rendering Next.js
- **Organize** tasks using Github actions, issues, and pull requests
- **Implement failsafe** when api call limit is reached, increasing website **uptime** to **99.87%**
- **Utilized** revalidation and caching to improve static-site performance by **40%**

CHIPS Lab (UCLA)   Los Angeles, CA
Lead Full Stack Developer   *Oct 2021 – Present*
- **Deployed** computing department's **portal** on **AWS CloudFront** to handle the **90%+ requests** that need static asset responses
- **Rolled** out a **spam filter** on Contact Us page using A/B testing, reducing fraudulent requests by **78%**
- **Implemented authorization** backed by **PostgreSQL**, enabling CHIPS researchers to **exclusively upload** files
- Optimized **Node.js** to deal with **500+** concurrent requests using key-value store session caching, enabling performance to remain undegraded in times of peak load during UCLA-wide events
- Used **Docker** and **Express** to web scrape articles and display them correctly
- **Proactively** established continual relationship with **QA team**

Yumie   Los Angeles, CA
Engineering Manager, Lead Frontend Developer   *Oct 2021 – Present*
- Developed social media and survey platform using **React**, **Express** and **Node.js** that stored **thousands** of college students' opinions in **MongoDB**
- Also lead development of mobile app with team of 6 using **React Native**
- Deployed on **AWS Elastic Beanstalk**, **RDS** and **S3** to ensure end-to-end uptime of **99.74%**
- Worked with 5 designers using **Figma** to improve website user-friendliness, increasing **post-first-page click-through** rate by **15%**
- Led adoption of **Git** and **Jira** among existing team of **8 engineers**, reducing customer bug reports by **45%**

PROJECTS

Stock Trading Information Web Application   *Mar 2021 – Present*
- Built stock information presenter SPA using **React** and **Django REST Framework,** deployed on **Heroku**
- Provisioned a **cron job** to **scrape 17000 stocks daily**, perform in-memory processing using **pandas** under **Python** and batch insert results to **PostgreSQL**

ADDITIONAL

- **Languages:** JavaScript, TypeScript, Python, HTML, CSS, SASS, SQL, R, Go, Scala, C++, AJAX; English (native language), Mandarin Chinese (conversational proficiency)
- **Skills and Technologies:** React JS, React Native, Django, Amazon AWS, Node.js, Linux, User Experience (UX), Kubernetes, PostgreSQL, MySQL, Express, Git, Jira, Next.js, MongoDB, Docker, Heroku, Googling
- **Interests:** Playing guitar and trombone, Working out, Trading stocks, Speed typing, Tennis, Cars, Machine learning/A.I, Web Development, Software Development, Spicy food