

Kirill Pavlov

kpavlov@sfsu.edu ❖ (925) 282-5179 ❖ San Francisco, CA ❖ [GitHub](#) ❖ [LinkedIn](#)

WORK EXPERIENCE

b0arding

May 2024 – Present

Software Developer Intern

San Francisco, CA

- Built and optimized features on the main platform using React.js which resulted in a 20% faster page load time.
- Optimized video and photo processing algorithms which lead to a 25% reduction in upload time.
- Redesigned and implemented a new, responsive UI/UX for the company's blog page, significantly enhancing the user experience across all devices.
- Achieved a 150% increase in the blog's user base following the comprehensive redesign and rebuild.
- Utilized Metabase to visualize, analyze, and format data on the main platform, driving engagement and promoting popular location-based hotels.

San Francisco State University, Academic Technology

Oct. 2022 – May. 2024

Software Engineer

San Francisco, CA

- Developed a university blog platform that allowed users to share, post, and interact with content resulting in a user base of over 40 students
- Implemented a detailed tracking system for blog activity, and incorporated secure OAuth role-based access.
- Simplified data integration processes by automating CSV uploads and modifications into databases using PHP, resulting in a 75% reduction in processing time and a 90% decrease in manual errors.
- Upgraded UI/UX of web applications by employing HTML, CSS, JavaScript, and React.js, leading to significantly improved user engagement and interface responsiveness.
- Optimized database operations and security by utilizing PHP and SQL for advanced management techniques, ensuring high system performance and data protection.

PROJECTS

Humane AI Hackathon

- Collaborated with the developers of Humane on the v0 of the SDK for the Humane AI Pin.
- Integrated third party API's to bring features such as real time transit information to the AI Pin, improving utility for everyday users.
- Implemented OAuth authentication protocols to securely integrate health data from platforms like Whoop and Oura, enabling personalized health insights on the AI Pin.

Video Uploader and Viewer

- Developed a Node.js Express application to automate video processing workflows.
- Utilized Google Cloud Storage (GCS) for storage and retrieval of raw and processed video files.
- Used Fluent-FFmpeg for video conversion, achieving automated scaling of video resolution to 360p.
- Developed a React-based user interface for viewing processed videos.
- Implemented Google Authentication for secure user login and access control

EDUCATION

San Francisco State University

May 2026

BSc, Computer Science

San Francisco, CA

- Dean's List

CERTIFICATIONS, SKILLS & INTERESTS

- **Skills:** Next.js, Go, TypeScript, React.js, Python, HTML/CSS, PHP, SQL, Java, C++
- **Tools:** Git, Docker, API's, AWS, Three.js, Figma