

Lester Lien

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EDUCATION

University of California, Riverside <i>Bachelor of Science, Computer Science</i>	Sept 2022 - Dec 2024 <i>Riverside, CA</i>
Pasadena City College <i>Associate of Arts, Engineering and Technology</i> <i>Associate of Science, Natural Science & Applied Science</i>	Aug 2020 - May 2022; Summer 2023 & 2024 <i>Pasadena, CA</i>

PROJECTS

AniLytics <i>React, CSS, Node.js, Express.js, TypeScript, PostgreSQL</i>	April 2025 - Present
<ul style="list-style-type: none">Designed and built an interactive dashboard visualizing 8+ anime topics from MyAnimeList.Processed and structured 10 MB+ CSV data into PostgreSQL, creating Express API endpoints to fetch filtered data.Created real-time visualizations with React and Chart.js to display anime data through responsive charts.	
PixelHive <i>React, CSS, Node.js, Express.js, JavaScript, JWT, bcrypt, SQLite3</i>	Feb 2025 - Present
<ul style="list-style-type: none">Developed a full-stack web app displaying trending, popular, and waitlisted games using Steam and ITAD APIsDesigned a responsive interface for browsing game details and prices across 33+ online stores in real time.Integrated user authentication with JWT and bcrypt for login, registration, and game favoriting.Optimized image handling and loading to improve UI responsiveness, reducing game detail load times by 14%+.	
Conscious Carts <i>Flutter, Dart, Firebase</i>	Apr 2024
<ul style="list-style-type: none">Collaborated with 2 team members during a hackathon to build a mobile app that analyzes 100+ foods using FDC and Gemini APIs for allergens, ingredients, and dietary compatibility.Implemented a Firebase login system with secure login/signup and user favoriting for 5 test users.Developed the Android UI with search, food detail, home, authentication screens, and favoriting functionality.	
Boba Thoughts <i>React, JavaScript, TailwindCSS, Next.js</i>	Jan 2024 – Mar 2024
<ul style="list-style-type: none">Developed a responsive frontend for a boba shop finder web app that uses Yelp and Google Maps APIs to display 20+ local stores.Implemented the login/signup pages and favorites tab from Figma designs, collaborating in weekly sprints with 4 team members.Created UML and architecture diagrams to plan and document the website's structure and design.	
Resume 322 <i>React, JavaScript, TailwindCSS, Node.js, Express.js, MongoDB</i>	Sept 2023 – Mar 2024
<ul style="list-style-type: none">Collaborated with 2 team members using Scrum to build a resume web app that allows students to create resumes using Markdown with real-time preview and CSS customization.Developed login/signup pages and PDF export functionality, with 2 resume templates available for customization.Participated in weekly sprints, converting Figma designs into a clean UI and ensuring consistent progress.	

TECHNICAL SKILLS

Languages & Databases: C++, Java, JavaScript, TypeScript, HTML, CSS, SQL, PostgreSQL, LC-3 Assembly
Frameworks & Tools: React, Node.js, Express.js, Tailwind CSS, Git, Github, Figma, LaTeX, GoogleTest, VS Code, Vercel, Supabase
Additional: English, Cantonese
Interests: Food, Gaming, Swimming, Photography, Running