Lester Lien

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EDUCATION

University of California, Riverside   **Sept 2022 - Dec 2024**
Bachelor of Science, Computer Science   *Riverside, CA*

Pasadena City College   **Aug 2020 - May 2022; Summer 2023 & 2024**
Associate of Arts, Engineering and Technology   *Pasadena, CA*
Associate of Science, Natural Sciences
Associate of Science, Applied Science

PROJECTS

AniLytics │ *React, CSS, Node.js, Express.js, TypeScript, PostgreSQL*   **April 2025 - Present**
- Built an interactive data visualization dashboard using anime datasets from MyAnimeList, allowing users to explore different topics.
- Processed and structured 10MB+ CSV data into PostgreSQL and built Express API endpoints to fetch specific data.
- Developed the frontend with React, Chart.js, and react-chartjs-2 to display charts and graphs by topics.
- Implemented filtering logic to group data for real-time visualization.

PixelHive │ *React, CSS, Node.js, Express.js, JavaScript, JWT, bcrypt, SQLite3*   **Feb 2025 - Present**
- Built a full-stack web app displaying trending, popular, and waitlisted games using Steam and IsThereAnyDeals APIs for real-time pricing.
- Designed a responsive front-end using HTML, CSS, and React, allowing users to view game details and pricing across multiple stores.
- Developed back-end with Node.js and Express to fetch, parse, and display game and pricing data.
- Integrated user authentication with JWT and bcrypt for login, registration, and game favoring.

Boba Thoughts │ *React, JavaScript, TailwindCSS*   **Jan 2024 – Mar 2024**
- Developed a user-friendly frontend for a boba shop finder web app that uses Yelp and Google Maps APIs to display local shop listings.
- Implemented interfaces for the homepage and favorites tab using React and TailwindCSS.
- Collaborated with team members to turn Figma designs into functional components.
- Created UML and architecture diagrams to plan and document the website's structure and design.

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, Figma, LaTeX, GoogleTest, VS Code
Additional: English, Cantonese
Interests: Food, Gaming, Swimming, Photography