Anthony Tzeng

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TECHNICAL SKILLS
Front-End | JavaScript, Typescript, Tailwind, React, React Native, JQuery, HTML5, CSS3
Back-End | Node.js, Express, MongoDB, MySQL, RESTful API, PostgreSQL
Testing/Deployment | Jest, Mocha, Chai, AWS: EC2, React Testing Library, Artillery, Loader.io
Developer Tools | Git, NPM, Vim, Ubuntu, Yarn, Webpack, Babel, Figma

PROJECTS
The World | [Github](#) | [Wireframe](#) | React-Native | Express | PostgreSQL | YouTube API   June 2023
- Built a mobile application according to client requirements alongside an Agile team of seven engineers
- Connected Discogs API to the application and implemented lazy loading to populate the record catalog based on user interaction
- Integrated YouTube functionality within each album, empowering users to effortlessly access and enjoy music videos associated with individual tracks
- Architected the back-end structure for a dynamic chat feature, enabling real-time updates for users

Atelier System Design | [Github](#) | Express | PostgreSQL | AWS | Jest   June 2023
- Deployed both server and database on AWS EC2 instances and conducted benchmarking with loader.io, maintaining 1,000 RPS, 0% error rate, and an average response time of 80ms
- Performed ETL for 2.5 GB of data into a PostgreSQL database, facilitating seeding and seamless integration with the database and server requests
- Enabled automated updates to a consolidated table via trigger functions and indexing, reducing response time by 80%

Styl Forge | [Github](#) | React | Express | Compression | Jest   May 2023
- Developed a dynamic Questions & Answers widget tailored to meet client requirements, empowering users to effortlessly create, search, and filter product-specific Q&A's
- Improved code quality by implementing Jest test suites resulting in a 75% overall test coverage
- Deployed on AWS EC2 instance and achieved a Lighthouse speed index of 3.3s while scoring 92 in best practices and 90 in SEO categories

EXPERIENCE
Amgen / Five Prime Therapeutics | South San Francisco, CA   July 2018 – January 2022
Sr. Clinical Trial Associate
- Authored the phase 2 Clinical Study Report, a comprehensive document providing a summary and analysis of the results/findings from a clinical trial, leading to approval from FDA
- Set up and conducted reviews in multiple User Acceptance Testing, resulting in the successful deployment of an Interactive Response Technology System supporting over 900 patients
- Coordinated the organization and execution of Investigator Meetings in Asia and Europe leading to the recruitment of 163 clinical sites globally
- Performed quality assessments of clinical sites, leading to 80% of sites achieving and maintaining excellent data quality standings

EDUCATION
Hack Reactor   March 2023 - June 2023
Advanced Software Engineering Immersive Program

University of California, San Diego   Class of 2018
B.S Biochemistry and Cell Biology