

# Bryant Hernandez

## Software Engineer

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Riverside, CA

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### WORK EXPERIENCE

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#### Google via Milestone Technologies - Software Engineer

September 2021 - current

Remote

- Joined Google as a Vendor, supporting Applied Digital Skills and CS First.
- Collaborated with Product and UX teams to enhance the learning and teaching experience for millions of users.
- Built and maintained scalable APIs using Flask-based internal Python framework, gRPC, and REST.
- Crafted pixel-perfect UIs leveraging an internal web framework with TypeScript and Closure Templates.
- Led the migration of marketing pages to a new Java framework, resulting in a modern, streamlined, and maintainable codebase.
- Tested software, fixed bugs, documented processes, and promoted quality by adhering to best practices.
- Achieved the internal TypeScript readability status allowing me to review and approve code for the team by upholding Google's canonical best practices for JavaScript/TypeScript.

#### YING - Software Engineer - Lead - Volunteer

February 2021 - September 2021

Remote

- Refactored codebase improving readability, maintainability, and performance. Identified and remediated security vulnerabilities.
- Developed new features for iOS, Android, and Web using Ionic React, GraphQL, Node.js, and PostgreSQL.
- Designed and implemented a Stripe integration to enable peer-to-peer payments for the core product offering, resulting in a 10x revenue increase.
- Managed releases to the Apple App Store and Web, ensuring smooth and timely deployments, resulting in 99% uptime.
- Trained and onboarded new engineers while developing documentation and streamlining processes, ensuring an efficient onboarding experience.

#### Paciolan - Software Engineer - Capstone Project

Sept 2020 - Jan 2021

Irvine, CA

- Implemented a proof-of-concept ticketing platform resulting in a streamlined purchase flow and enhanced fan experience.
- Supercharged SEO, propelling the page past Ticketmaster on Google's search engine results page.
- Fixed web accessibility issues ensuring W3C standards compliance, and resulting in a 43% increase in the web accessibility score (provided by Lighthouse).
- Leveraged the React-based Next.js framework to enable server-side rendering resulting in the page performance increase by 55%.

### EDUCATION

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#### University of California, Irvine - B.S. Informatics, Human Computer Interaction

Irvine, CA

### SKILLS

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- Languages: Python, Java, C++, TypeScript, PostgreSQL
- Frameworks/Libraries: Next.js, React.js, Node.js, Express, Puppeteer, Stripe, Jasmine, Ruby on Rails, Flask, gRPC, Tailwind, Sass, Styled components, Closure templates
- Tools: Figma, Git, Trello, Jira, GitLab, Confluence, Vercel, Heroku, NPM
- Other: UX research and design