Dominic Balassone

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Website - https://dominic.balass.one
Github - https://github.com/sydbal

Projects

- prefers-reduced-motion.com
  - Site dedicated to the prefers-reduced-motion CSS media query
- Rogue Survivor
  - Game built on bespoke game engine

Skills

- Expert understanding of HTML5, CSS3, and JavaScript, specializing in React applications
- Advocate for thoroughly tested code using unit, integration, and automation tests (Jest, Playwright)
- Always designing mobile first, applying responsive design principles via CSS media queries
- Have integrated with, and comfortable writing queries for SQL and NoSQL databases, such as PostgreSQL and MongoDB
- Effective at making and analyzing network requests in the browser and via observability tools (TIDs)
- Optimize experiences using the scientific method via A/B testing, able to identify and capture KPIs
- Comfortable executing pixel perfect implementations of designer mockups, including exporting from Figma, Photoshop, Illustrator, and Sketch
- Aware of image and code optimization techniques and benefits (HTML Picture tag, WebP, WebM)

Education

University of California, Santa Cruz

Cognitive Science BS, Computer Science BA
Fall 2013 – Spring 2016

- Contributed to NSF-funded project (Smart Energy Disaggregation Systems) with event detection algorithm
- Research Assistant at Alan Kawamoto's Linguistics Lab, designing camera equipment for lip tracking
- Webmaster, Cognitive Science Student Association (CSSA)
- Relevant coursework: Machine Learning, Artificial Intelligence, Human-Computer Interaction

Work Experience

Intuit

Software Engineer 2, Payments
April 2021 – Present

- Built and maintained components in a microservice, design system, and plugin ecosystem
- Integrated observability and created custom alerts via Splunk and Amplitude to monitor feature performance
- Led the refactor of legacy React code, implementing efficient React hooks for state management and optimizing network requests
- Provided expert knowledge and experience to data analysts to help create A/B tests that properly captured user behavior at the right moments
- Collected and analyzed user feedback to iteratively improve product experiences, increasing customer satisfaction
- Mentored multiple interns and new hires, helping them transition to full-time roles

Tailored Brands

Lead Front-End Web Developer
October 2018 – April 2021

- Led a team of 5+ developers, organizing daily standups, workload distribution, and code reviews
- Defined project requirements and collaborated with engineering, business, and creative teams to deliver features on biweekly sprint cycles
- Delivered clean, high-performance code and optimized web experiences with a focus on both design and functionality
- Developed tracking and data analytics features, integrating with Heap Analytics, Google Analytics, and Tag Manager
- Designed and implemented A/B test experiments for the Men's Wearhouse website, launching over 100 tests and generating over $50 million in projected incremental revenue within a single year

Girls Who Code

Summer Immersion Program Instructor
June 2018 – August 2018

- Led a 7-week summer program for high-school girls, teaching computer science topics such as Scratch, Python, robotics (Arduino), data science, and web development
- Fostered an engaging and inclusive environment to encourage girls' pursuit of technology careers