

RUSSELL PASETES

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EXPERIENCE

Celestial Decks , Brooklyn, NY - <i>Full Stack Engineer</i>	October 2025
<ul style="list-style-type: none">• Cut initial page load time from ~6 seconds to under 500ms by profiling bottlenecks in a PhaserJS game engine codebase and restructuring asset delivery, dependency loading, and route initialization.• Implemented lazy loading, bundle splitting, and targeted preconnects to external resources, eliminating render-blocking network requests and smoothing the onboarding flow for first-time users.• Reduced time-to-interactive across the splash and game pages by rebalancing module dependencies and removing unnecessary client-side work, resulting in a visibly faster user path through the game.	
Data Management Resources , Tamuning, GU - <i>Full Stack Engineer</i>	March 2023 - September 2023
<ul style="list-style-type: none">• Replaced legacy green-screen workflows for Guam government agencies with browser-based apps built in Next.js and Express, owning the path from initial design through deployment.• Implemented basic security and reliability practices for self-hosted servers (backups, access controls, and monitoring) to keep government web apps stable in production	
Hypotenuse Labs , San Diego, CA - <i>Full Stack Engineer</i>	March 2021 - June 2021
<ul style="list-style-type: none">• Implemented demo-ready features for the secondhand luxury marketplace that the team used in investor presentations during a key fundraising push.• Communicated technical decisions with project client, UI/UX designers, and product managers regarding product design, system analyses, and software maintenance; recovering months of technical debt.	
Bridge Seven Music Productions , Boston, MA - <i>Founder</i>	July 2019 - March 2020
<ul style="list-style-type: none">• Ran user tests and design sprints with a Berklee College of Music production team to iterate on a social cloud application suited for the commercial record industry.• Coordinated a team of engineers to develop a React Native + AWS file-sharing desktop application.	
ConcertCue, MIT , Cambridge, MA - <i>Undergraduate Researcher</i>	June 2019 - August 2019
<ul style="list-style-type: none">• Deployed mobile web app streaming interactive concert program notes at the Boston Symphony Orchestra	

TECHNICAL SKILLS

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- AI: Claude Code, Cursor, OpenAI SDK
 - Stack: React, Typescript, NextJS, Tailwind, Bun, Vite, Node.js, Express
 - Infra: Supabase, PostgreSQL, BetterAuth, Vercel

EDUCATION

Fractal Tech	Brooklyn, NY
<i>Software Engineering Fellowship (full-time, ~700+ hours; six-day weeks)</i>	September 2025
Portal Campus	Porto, PO
<i>Independent research project framing oral culture as a lens to analyze how people adopt & trust LLMs</i>	July 2024
Massachusetts Institute of Technology	Cambridge, MA
<i>Bachelor of Science in Computer Science and Engineering, Bachelor of Science in Music</i>	May 2020