Tylor Franca

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EDUCATION

California State University, Long Beach   Long Beach, CA
Bachelor of Science in Computer Engineering   *August 2020 – December 2025*
- Relevant Coursework: Data Structures, Algorithms, Object Oriented Programming, Discrete Structures, Embedded Systems, FPGA design
- Member of Kappa Sigma Fraternity, Virtual Reality Operations Club

TECHNICAL SKILLS

Languages: C++, C, Verilog, Python, TypeScript, JavaScript, HTML, CSS
Frameworks: Next.js, Tailwind CSS, Panda CSS, Keil
Developer Tools: Git, VS Code, Linux OS, AWS, Jira
Databases: Neo4J, Firebase
Concepts: Data Structures, Embedded Systems Programming, FPGA Design, Full Stack Web Development, Object Oriented Programming, Algorithms

EXPERIENCE

Computer Engineering Intern   January 2021 – July 2021
Navmatic   *San Jose, CA*
- Conducted extensive collection, analysis, and annotation of positioning data, contributing to the development of precise navigation solutions.
- Utilized software tools, including MATLAB, Bitbucket, and Git, to manage and process data efficiently.
- Developed and maintained scripts using various command-line utilities to improve overall project workflow.

Computer Engineering Intern   August 2019 – March 2020
Dynamic Engineering   *Santa Cruz, CA*
- Engaged in the testing and assembly of Printed Circuit Boards (PCBs) for various engineering projects.
- Gained hands-on experience with diagnostic tools and techniques, enhancing the quality and functionality of electronic systems.
- Troubleshot and resolved issues in computer systems, ensuring optimal performance and reliability.

Team Lead   August 2021 – Present
Tournaments Together LLC   *Santa Cruz, CA*
- **Head Match Coordinator – BJJ Tour Jiu Jitsu Tournament**
- Oversaw a team of 10 staff members, ensuring the efficient and timely execution of matches throughout the tournament. My role involved strategic coordination, real-time problem-solving, and effective communication to maintain smooth operations and uphold the tournament schedule. Successfully managed the dynamic environment to deliver a seamless experience for competitors and attendees alike.

PROJECTS

Green Field Churrascaria Website | *Next.js, Neo4j, Uix, Panda CSS, Radix UI*   May 2024 – In Progress
- Leading development and designing system structure for two person contracted website redevelopment.
- Streamlined development using Uix, a Neo4j graph library, allowing for seamless client tracking and reservation system, digitizing a formerly analog reservation system and lowering restaurant operational costs.

LEADERSHIP

- Served as Recruitment Chairman for Kappa Sigma, directed a 10 man committee with two weeks notice.
- Organized and directed a detailed 5-day recruitment itinerary, featuring a unique event each day.