

# Tylor Franca

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## EDUCATION

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### 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

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**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

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### 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.
- Troubleshooted 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

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**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

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- 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.

