

# Jovani Casarrubias

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## **KwickPOS Spring, TX**

**Ma 2020-Current**

Developed multiple food ordering Apps for IOS and Android using react native. Designed and developed a new product that integrated with the POS system called KwickTable, a food and reservation website for restaurants. Performed QA testing for Kwickmenu, an online food ordering website, to find vulnerabilities and a user interface which increased online sales by 28%.

## **KwickPOS Spring, TX**

**Ma 2020-Current**

Designed, troubleshoot, and resolved issues related to computer hardware, software, and related equipment installation and configuration.

- Standardized procedures to train customers and coworkers on using KwickPOS system and deployment.
- Provided level 1 and 2 support to customers in 40+ states while creating support documentation for new features.

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## **React Native Developer Co-op ARCOS Medical Inc Missouri Cit , TX**

**Jan 2020-Ma 2020**

- Created a mobile application with a 6 member team to enable Anesthesia providers to quickly document patient data electronically, eliminating costly equipment and providing 40% efficiency.
- Implemented software development methodology, Test-driven development, using Jenkins and Jest for automated unit testing and continuous integration.

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## **PROJECTS**

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### **Booking Application Web/Mobile (Next.js/GraphQL/ReactNative)**

**Jan 2022-Current**

- Booking website for small businesses, where businesses can create and personalize their own booking website and receive analytical data through a mobile app.
- Implemented a dynamic subdomain where users can modify a customizable subdomain.
- Integrated Docker for deployment as well as a pipeline for continuous integration with Jenkins.
- Utilize GraphQL for the backend for fast and flexible development of API's.

### **Server and Client Program using Sockets C/C++**

**Spring 2020**

- Utilized two Program inter-process communication mechanisms in UNIX using Multithreading sockets to send encoded messages. Each thread ran concurrently with the other threads, allowing the program to run faster and optimize resources.
- The server program encoded a message using a distributed version of the Elias-Gamma algorithm by performing fork and creating multiple processes.

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## **SKILLS**

- **Agile Development, Object oriented Programming**
- **Languages:** JavaScript, Python, C++, Php, Swift, Matlab, HTML, CSS
- **Frameworks:** React.js, Next.js, ReactNative, Node.js, Jest, Enzyme, Selenium
- **Databases:** Mysql, Firebase, MongoDB
- **Software:** Linux, VI, Docker, Jenkins VS Code, Apache2, Xcode, GIT, GitHub, SVN
- **Network Protocols:** SSH, TCP/IP, HTTP, HTTPS, DNS
- **Spoken languages:** English (fluent) and Spanish (fluent)

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## **EDUCATION**

**University of Houston - Natural Science & Mathematics**

**Bachelor of Science in Computer Science**

**Graduated:** Aug 09, 2020

*Capstone: Senior Sequence in Software Development*

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## **ACTIVITIES**

**Martial Arts:** Brazilian Jiu-Jitsu