

RENZO SILVA

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EDUCATION

BOCA CODE, Software Engineering Career Course

Boca Raton, FL (Sep 2022)

Relevant Coursework: Software Engineering, back-end and front-end development.

PALM BEACH STATE COLLEGE, Associate in Arts and Computer Science Pre-Major

Lake Worth, FL (Aug 2017 - May 2021)

Relevant Coursework: Programming in C, C++. Introduction to Programming.

SKILLS

Technical Skills

- **Programming Languages:** JavaScript | Typescript | SQL | C# | HTML | CSS
- **Technologies:** React | React Native | Node.js | Express | MongoDB | Firebase | Git | Bash | MySql

Languages: Fluent in Spanish English; Conversational intermediate in Italian.

Certifications & Training: Online Course in React, react-native, and JavaScript

Awards: First place in a Olympic Math at State level in Colombia. Top 10 Highest GPA two years in a row in PBSC.

WORK EXPERIENCE

ALLTERCO-SHELLY ROBOTICS, IoT Intern (Boca Raton, FL)

Jan 2023 – Present

- Create **APIs (NodeJS, Express)** for IoT devices such as plugs, lamps, and relays to enable and exchange real-time data efficiently and accurately; and building full stack software (**MongoDB, Express, React, NodeJS**) to control devices in a local environment.
- Collaborate with a team of **6+** engineers in **AGILE/SCRUM** environment to optimize the front-end of CRM for **IoT** engineers that are managing and assessing **1000+** IoT devices; utilizing **HTML/CSS/JavaScript, React** Component, and libraries.
- Develop and test new and existing **IoT** devices and systems to ensure they meet the desired functionality and performance criteria.
- Fix bugs or issues that arise and improve the performance of these systems by optimizing the code; built with **JavaScript**.

BOCACODE, Software Engineering Intern (Boca Raton, FL)

Sep 2022 – Present

- Assisted over **15** students in improving software engineering skills in FrontEnd and BackEnd development.
- Demonstrated proficiency in **CSS** and **APIs** to update and improve multiple pages and the student portal, resulting in a more user-friendly interface and increased engagement from graduates-users.

PALM BEACH STATE COLLEGE, Math Tutor (Lake Worth, FL)

Aug 2019 – Mar 2020

- Tutored **400+** students in areas such as calculus, algebraic methods, and statistics resulting in **80%** higher test results and GPA.
- Achieved a **5%** increase in the Mathematics department statistics for test results in the **5th** largest out of all **28** colleges in the Florida College System, helping the college to gain state and federal funding.

PROJECTS

CHAT APP FIREBASE, [REPO](#) | [LIVE](#)

Mar 2023

- Implemented React application designed for real-time communication via texting; I used firebase to storage data.
- Created using Firebase Auth with Google Authentication, which is linked to an gmail account, **CSS**, and 'material-ui' to style it.

BOCA CODE INTRANET - APP FOR STUDENTS AND ALUMMI

Jan 2022 - Present

- Collaborated in a team-base project built in **ReactJS, NodeJS, ExpressAPI**, and **Firestore** database.
- Created a homework Component that manages, fetches, and renders weekly homework for students, with links to study websites.

SHELLY DEVICES,

Feb 2022

- Built APIs (NodeJS, Express) for IoT devices and full stack software (MongoDB, Express, React, NodeJS) to control devices locally.
- Collaborated in **AGILE/SCRUM** to optimize front-end CRM for IoT engineers managing devices using **HTML/CSS/JS, React**.

BLOG-WEBSITE, [LIVE](#) | [REPO](#)

Nov 2022

- Created a modern website platform to interact with users with google log in, **ReactJS** routes and components, and Firebase Storage.
- Implemented React's hooks, routes to define paths that map to specific components, posts, google Authentication, and CSS styling.

HACKATHON-2022 | ORGANIZED BY TECH HUB IN SOUTH FLORIDA, [REPO](#)

Sep 2022

- Developed an app that uses Google Maps API to render pictures and location data, allowing users to create and manage issue tickets.
- Built a functional single-page app to streamline the process of issue ticket management for local government. Used **FERN** stack.

EUROPE PLANNER, [LIVE](#) | [REPO](#)

Sep 2022

- Created a web application using **React** components to help users find best destination in Europe based on their interests.
- Applied customized styling using 'Mantine.dev' and **CSS** to create a polished and virtually appealing design for the web app.

TO DO APP USING REACT, [LIVE](#) | [REPO](#)

Aug 2022

- Assembled a Todo app using **React** components and Firebase, providing users with an intuitive and secure task tracking experience.
- Utilized **Ant.design**, to create a visually stunning and user-friendly interface for the application, with focus on enhancing experience.

SHOPPING LIST APP USING REACT-NATIVE, [REPO](#)

Jan 2023

- Built a fully functional and responsive Todo app in React Native using typescript making it operative on **IOS** and **Android** devices.
- Created a highly functional application using **React Hooks** for seamless data management and **CSS** techniques for stunning design.