

ALEXIS SAN JAVIER

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SUMMARY

Full stack web developer with previous experience as an educational instructor and research assistant. A dynamic and communicative problem solver with a bachelor's in computer engineering and a certificate in full-stack web development from the University of Central Florida. Skilled in React, MongoDB, and Node - with an emphasis on responsive web design and app security. Recently worked on a team of four to build a MERN app that successfully auto-generates workouts based on user preferences. Excited to join a team where I can leverage my technical and problem-solving skills to help build responsive, secure and intuitive web applications.

TECHNICAL SKILLS

- **Front End:** JavaScript, HTML, CSS, React, jQuery
 - **Database:** MongoDB, MySQL
 - **Back End:** Node, Express
 - **Version Control:** Git
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PROJECTS

HomeBody – Github: github.com/code-guy21/Homebody | Deployed: homebody-fitness.herokuapp.com

Full stack web app that auto generates workouts based on user preferences

- Worked on a team of four and was responsible for building Authentication flow, API, and Database
- Tech Stack: React, Node, Express, Mongoose, MongoDB, Passport, Cookie-Session, Axios

Droplet – Github: github.com/code-guy21/droplet | Deployed: project-droplet.herokuapp.com

Social media CRUD application that allows users to comment on and create text-based posts

- Led a team of four and was responsible for building API, Database, and Authentication flow
- Tech Stack: jQuery, HTML, CSS, Node, Express, MySQL, Sequelize, Bcrypt

BookSearch – Github: github.com/code-guy21/BookSearch | Deployed: booksearchgo.herokuapp.com

Full Stack app that utilizes the Google Books API to allow users to search for and save book titles

- Worked independently and was responsible for building front end, database, and API
- Tech Stack: React, Node, Express, MongoDB, Mongoose, Axios

RELEVANT EXPERIENCE

TRILOGY

September 2020 – Present

A workforce accelerator that partners with the world's top universities to bring market-driven training programs in rapidly growing tech fields.

Teaching Assistant

Responsible for assisting instructional team in providing support to students in a full-stack web development Bootcamp through guided lecture and office hours.

SYNAPSE

November 2016 – September 2018

An education company that leverages new technology to develop immersive software, robotics, and engineering lessons for children ages 5-15.

Coordinator

Led the development of lesson plans and projects for programming and electronics and provided technical instruction for children ages 10-14.

- Supported a team of coordinators, assistants and directors in curating lesson plans and projects, brainstorming ideas, providing critique, researching new technologies, and implementing changes to the program structure.
- Successfully collaborated and assisted in developing, planning, and executing a robotics challenge for ~45 students in May 2018 as part of [The Modern Classroom's](#) educational tour which led them to become repeat clients and partners.

UCF – INSTITUTE FOR SIMULATION AND TRAINING

January 2017 – May 2018

An internationally recognized research institute founded in 1982 that focuses on advancing human-centered modeling and simulation technology.

Research Assistant

Performed data collection and assisted in the testing and development of interactive simulations as part of the Prodigy Lab under the supervision of Dr. Daniel Barber.

- Regularly assisted and collaborated with researchers, engineers, designers, and assistants in different labs to develop simulations, run experiments, troubleshoot testing equipment, and perform testing/debugging of software to ensure consistent and accurate data collection.
- Successfully developed a virtual-reality brain simulation to test the memory and retention rates of medical students, using Unreal Engine and HTC Vive, as part of a study conducted by Dr. Grace Teo

EDUCATION

Full Stack Web Development Certificate

2020

The University of Central Florida, Orlando, FL

Bachelor of Science in Computer Engineering

2017

The University of Central Florida, Orlando, FL