

Alejandro Vecchio

Software Engineer

PROJECTS

Full Stack Developer | PantryKeeper

MAY 2023, CAPSTONE PROJECT – BRAINSTATION

- Styled and coded the frontend with React, HTML, and SCSS.
- Designed a SQL database and API endpoints with Knex JS and Express JS.
- Facilitated the transfer of data from the frontend to the backend using data structures to improve cost-efficiency of basic site operations.

Inspired by the UN's sustainable development goals. PantryKeeper is a JavaScript web app that provides a user-friendly solution for household food waste.

Back End Developer | SPRK-E

MAY 2023, INDUSTRY HACKATHON - BRAINSTATION

- Collaborated with a team to sketch a SQL database and API endpoints.
- Created in JavaScript, used Knex JS to create and populate the database, and Express JS to create API endpoints.

SPRK-E is a virtual pet powered by AI that's able to parse the user's emotions through journal entries.

iOS Developer | Gym App

DEC 2022, MOBILE DEVELOPMENT CLASS - FIU

- Developed an iOS Application in Xcode with Swift.

Guides the user through a series of bodyweight exercises they can do from home and records their progress.

Java Developer | Book Store API

JULY 2022, MOBILE DEVELOPMENT CLASS - FIU

- Developed a RESTful API using the Spring Boot framework in Java and a SQL database.
- Collaborated with a team, applying agile methodology to contribute to the project.

Book store web API designed to keep track of a user's books, comments, and ratings.

EXPERIENCE

Mobile Development Intern | Optical Imaging Laboratory

JUN 2022 – DEC 2022, MIAMI, FL

- Self-taught mobile dev & key tools.
- Collaborated with a graduate student to continue development on the "On the Spot" application, completing the second side of the app.
- Developed key features with Java such as creating a list for the patient to retrieve their previously submitted check-ins to their clinician.
- Used a Firestore database to store patient records, and clinician communications.

<https://www.linkedin.com/in/alejandro-vecchio/>

<https://github.com/alv-314>

SKILLS

HTML, CSS, SCSS, JavaScript, Node, React, Express, MySQL, Agile Development, Document Object Model (DOM) APIs, Web APIs, User Authentication, OAuth, Heroku, Spring Boot, Firebase, Firestore, GitHub, Jest, Python, Java, C, Swift, Xcode, Android Studio, Davinci Resolve.

PROFILE

I am a budding software engineer passionate about personal wellness and environmental sustainability. Born and raised in Peru and having moved independently to the US at the age of 16, I believe my diligence and perspective would be a valuable contribution to any team. I am committed to continuous learning and collaborating with my peers to solve new problems through iterative development.

EDUCATION

BrainStation | Software Engineering Diploma

FEB 2023 – MAY 2023, MIAMI, FL

Florida International University | Bachelor of Arts in Computer Science

AUG 2019 – DEC 2022, MIAMI, FL

- Graduated with Honors
- Dean's List Fall 2019 – 2020
- Bright Futures Academic Scholarship
- Pell Grant Recipient