

Gabriel Espinoza

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EXPERIENCE

Software Engineer Internship

June 2023 – August 2023

Miren

New York, NY

- Performed a comprehensive penetration test on Miren's platform and AWS serverless APIs.
- Developed a Census Tract API for the platform utilizing AWS serverless Lambda functions.
- Created various Jira tasks to provide UX/UI enhancement proposals for the Miren Platform.

Tech Consulting Virtual Internship

January 2023 – February 2023

Skillful.ly

New York, NY

- Acquired fundamentals of tech consulting and managing software development during four-week virtual program.
- Completed daily quizzes and weekly simulated real-world workplace project challenges.
- Connected with professionals through virtual mentorship for skill-building and industry pathways in tech.

PROJECTS

Fever Tourism | *HTML, CSS, JavaScript, Node.js, ReactJS, AntDesign*

May 2022

- Web Design Project at CCNY. Partnered with three team members to develop and present Fever Tourism a react app for tourists to find interesting places and places to avoid in NYC
- Led back-end development, coded the API system to handle all requests and responses from external API services

Cryptotracker | *Java, JavaFX, CSS*

March 2022

- Developed Cryptotracker, a Java-based prototype app that enables crypto traders to track their transactions from multiple exchanges in one organized location
- Implemented live updates of crypto prices to provide real-time performance updates for the user's portfolio
- Demonstrated proficiency in Java programming, as well as problem-solving and organizational skills in creating a functional and user-friendly app for a specific target audience.

Study Flashcard App | *HTML, CSS, Bootstrap, JQuery, Node.js, PostgreSQL, SQL, JavaScript*

February 2022

- Software Engineering Bootcamp Final Project. Proposed idea of making a quiz app. Study Flashcard App allows users to make decks of cards for quiz review
- Built back-end using Node.js server; coded API to perform CRUD operations to a PostgreSQL database
- Cooperated with a colleague to devise and construct the front-end using Bootstrap and JavaScript

English Vocabulary App | *Java, JavaFX, CSS*

January 2022

- Data structures academic project; devised and built an English learning vocabulary app with the aim to help English learners
- Full stack; responsible for app-wide design and architecture. Implemented model-view-controller (MVC) architectural design pattern
- Wrote a Java wrapper class to request images from Pixabay API

EDUCATION

The City College of New York, CUNY

New York, NY

Bachelor of Science in Computer Science

June 2022

TECHNICAL SKILLS

Java, Python, JavaScript, TypeScript, MySQL, Node, React, NextJs, Bootstrap, Express.js, Jupyter, Pandas, HTML, CSS, Flask, MongoDB, SQLite, PostgreSQL, Git, FFmpeg, Puppeteer, Selenium, web crawling, web scraping, Docker, AWS Lambda, Google Compute Engine, DynamoDB, SSH, API development, Burp, Postman

PERSONAL

Fluent Spanish and English. Interested in Full-Stack Development, Data Visualization, Cybersecurity, and Machine Learning. Enjoys spending time in nature.