

Tiana Lopez

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TECHNICAL SKILLS

Python, Javascript, HTML, CSS, Python with Flask, React.js, SQL, SQLAlchemy, CLI, Bcrypt, Material-UI, Bootstrap, Git, Google OAuth, Google Maps API, Object-Oriented Programming, Elementary R/RStudio, Marshmallow, Formik, Yup, Postman, Microsoft Office (Excel, PowerPoint, Word), AWS (Elastic Beanstalk, RDS, SES, S3, IAM)

TECHNICAL PROJECTS

TEA Culture - [Github](#) | [Website](#)

Full-stack App

Web application developed to provide an immersive space for tea and cafe drink enthusiasts.

Technologies: Javascript(React), Python(Flask), SQLAlchemy, RESTful API, Marshmallow, Formik, Yup, Bcrypt, MUI

- Implemented a robust authentication system with JWT cookies and Google OAuth 2.0 f
- or secure account creation, profile management, and personalized tea experiences.
- Enabled full CRUD functionalities, allowing seamless interaction like adding recipes, managing posts, and enabling dynamic user engagement.
- Utilized RESTful routes and Marshmallow for serialization to optimize communication within the application, ensuring efficient data exchange.

Virtual Planner - [Github](#)

Full-stack App

Web application developed to enhance personal organization and community engagement.

Technologies: Javascript(React), Python(Flask), SQLAlchemy, RESTful API, Marshmallow, Formik, Yup, Bcrypt

- Designed and implemented various user-oriented features, including a customizable dashboard with daily and weekly views, task management, and journaling.
- Integrated a comprehensive authentication system, allowing users to create accounts, manage profiles, and engage with personalized planners securely.
- Developed community-related functionalities, enabling users to join and interact with communities, create and share posts, and collaborate on projects.

PROFESSIONAL EXPERIENCE

Ama Earth Group – Junior Full Stack Software Engineer, Remote (03/2024 - Present)

- Took on leadership responsibilities in guiding and creating full-stack software development projects aimed at empowering local communities and supporting environmental initiatives.
- Integrated Stripe payment system, Google OAuth 2.0, and AWS services for secure account management and scalable infrastructure to enable seamless and secure donations for climate-positive actions. Contributions directly supported environmental initiatives, including projects such as planting mangroves, to enhance coastal resilience and mitigate the effects of climate change.

Oppenheimer & Co. Inc. – Technology Investment Banking Analyst, San Francisco, CA (07/2022 - 05/2023)

- Collaborated on live deals in technology investment banking, directly engaging with clients to generate and deliver comprehensive financial analyses and presentations for diverse investment opportunities, spanning software, modular technology, and hardware such as semiconductors.
- Conducted financial due diligence and market research, presenting weekly consolidated findings to the technology investment banking group.
- Gained experience across buy-side and sell-side M&A, private placements, SPACs, and various pitches and industry decks while utilizing technologies like DealCloud, PitchBook, S&P Capital IQ, and Datasite.

EDUCATION

Flatiron School

Full Stack Web Development, Python with Flask and JavaScript program

Remote

09/2023 - 12/2023

Yale University

BA in Economics | Overall GPA: 3.7/4.0

New Haven, CT

Graduated 05/2022