

VINCENT LE

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EDUCATION

Columbia University

New York, NY

Master of Science in Computer Science

Expected May 2025

Courses: Advanced Programming, Machine Learning

GPA: 3.67/4.0

Bachelor of Arts in Pre-Medicine and Music

May 2021

Courses: Data Structures in Java

GPA: 3.60/4.0

Full Stack Software Engineering, Flatiron School

Feb 2023

PROJECTS

Hyve

June 2022

- Designed, developed, and deployed Hyve alongside the development team: a cross-platform mobile app for social media event scheduling built in React Native and integrated with Firebase on GCP, currently with 1k users
- Built custom push notification service, connected a social graph with custom user profiles, and implemented real time chat functionality with responsive animation

Columbia Confessions

Sep 2020

- Started a university confessions Facebook page at Columbia University which fosters community and provides a safe anonymized space for students to express opinions, currently at 7k followers
- Incorporated auto screening with a custom GPT-4 trained model via LangChain to flag incoming confessions, built an admin view web and mobile interface to handle edge cases and automate posts across platforms

EXPERIENCE

Back End Developer

August 2023 - present

The Bulletin

New York, NY

- Enhanced cross-platform compatibility and performance by refactoring Python API routes with native iOS, Android, and web applications; optimized MongoDB schema, achieving cost-effective query processing

Software Developer Intern

June 2023 - Aug 2023

Turbo 1031 Exchange

New York, NY

- Developed a real estate website using a Next.js/Django stack to automate 1031 exchange forms, incorporating secure user auth, Stripe payment processing, PDF manipulation, and automated email reminders

Web Developer Apprentice

Feb 2023 - Aug 2023

Coding for Hermit Crabs

New York, NY

- Developed the Coding for Hermit Crabs' educational non-profit platform using React Native, TypeScript, Jest, and Ruby on Rails, resulting in a highly intuitive and user-friendly experience for learners

RESEARCH

Department of Investigation

July 2023 - present

Machine Learning @ Columbia Research Lab

Columbia University, NY

- Developing a live chat mobile app on public health/city govt info utilizing a custom AI model trained with real time financial data, integrated with GPT-4, enabling user-friendly interaction with accurate advice

SKILLS

Front End: React/React Native, Javascript/Typescript, Next.js, GraphQL, Redux, Material/Semantic UI, Tailwind

Back End: Python, Flask, MongoDB, PostgreSQL, REST API's, Ruby, Django