

Vaishnavi Suresh

Vaishnavi.suresh@stern.nyu.edu | +1 (408) 888-6390 | Cupertino, CA 95014 | github.com/vaishnavi-suresh | www.vaish.dev

EDUCATION

New York University, Leonard N. Stern School of Business

New York, NY

B.S. in Business with a concentration in Finance, B.A. in Computer Science

Sep 2022 – May 2026

- GPA:** 3.8/4.0 (Dean's List 2022-2024)
- Relevant Coursework:** Intro to Robotic Intelligence, Natural Language Processing, Basic Algorithms, Data Structures, Discrete Math

PROFESSIONAL EXPERIENCE

Pave Finance

New York, NY

Product Management Intern

Sep 2025 – Present

- Defined and scoped inefficiencies associated with customer service, and sales, and client relationship management workflows and tools
- Conducted competitive analysis on the wealth management software industry and defined opportunities for integrating AI into the product
- Designed and prioritized features for Pave's internal admin panel, translating insights into detailed product requirements documents (PRDs)
- Collaborated with the design team to create UML diagrams and translate them into UI/UX requirements for Pave's internal admin panel

FT Partners

New York, NY

Summer Analyst

Jun 2025 – Aug 2025

- Supported two live sell-side M&A deal teams assisting companies within the fintech space, including payments and crypto companies
- Developed marketing and due diligence slide decks, including confidential information memorandums, for the sale of a crypto exchange
- Assisted in calculating the historical unit economics metrics and cohort analysis of a company facilitating over \$3 B in transaction volume

Recove LLC

Cupertino, CA

Co-Founder

Jun 2020 – Jan 2023

- Developed a digital therapy app using Flutter and a Postgres database on Render to help teenagers with eating disorders through CBT
- Created product requirements, wireframes, and a working prototype of the app using 30+ user interviews with therapists and clients
- Planned the go-to-market strategy, conducted competitive analysis, and applied feedback from mentors through NYU's Startup Bootcamp
- Developed pro forma income statements and competitive analysis and pitched the startup to multiple stakeholders and potential investors

PROJECTS

Task Manager Mobile App

- Created an Android app using flutter to track a user's lists and tasks using Supabase for the backend and Firebase for authentication
- Developed an Express server and implemented a CRUD API to interact with the backend, allowing users to create and manage tasks
- Created a PostgreSQL database with 3 data tables using Supabase and the Drizzle ORM to hold the task and user data on the app
- Designed wireframes and product requirements using customer interviews to develop an optimal UI/UX for task managing workflows

Movie Recommendation Chatbot

- Created a web app with a chatbot that suggests movie recommendations based on user input and allows users to save and rate films
- Used MongoDB to store movie and user data and developed Flask servers to expose CRUD operations to the frontend
- Developed the chatbot using Vertex AI and created a RAG pipeline using Weaviate and an open-source database of movie descriptions
- Containerized the application using Docker and hosted it on a Digital Ocean droplet, receiving positive reviews from 50+ test users

2024 US Election News Keyword Extraction Model

- Isolated key colloquial terms in news articles covering the US presidential election using a proprietary NLP model for keyword extraction
- Created training and test data sets by using NewsAPI and Selenium to scrape and preprocess 50+ articles from reputable news sources
- Extracted keywords by using YAKE to identify a pool of potential terms and Word2Vec to rank them according to cosine similarity

ResNet-101 For Art Classification

- Developed a Resnet-101 convolutional neural network using PyTorch and Kaggle to classify art pieces according to the painting's genre
- Preprocessed a database of 8,000 art pieces and organized them into training and test data sets for model evaluation and training
- Achieved a 97% classification accuracy and 0.09 cross-entropy loss by hosting an AWS EC2 instance for scalable training and testing

Package Installation Command Line Tool

- Built a command line tool to automatically download packages using Homebrew based on user-generated project requirements
- Locally hosted and prompted Ollama's GPT OSS model to generate a list of packages to install based on natural language inputs
- Used Poetry and a Ruby gem wrapper to package the application for deployment, allowing for easy installation and deployment

EXTRACURRICULAR AND LEADERSHIP ACTIVITIES

NYU Strategic Venture Society

New York, NY

Post Mentorship Lead

Sep 2025 - Present

- Worked on Pro-Bono industry research and sourcing for VC and growth equity firms, including Vesey Ventures and General Atlantic

SKILLS & INTERESTS

Skills and Languages: Backend: Python, JS, Java, Node.js, Express.js, SQL (PostgreSQL) | Frontend: HTML, Dart, React.js | Tools: Git

Interests: Solo Travel, Running, Art History, Reading, House Music, Crochet, Field Hockey, Volunteering (God's Love We Deliver), Guitar