Vaishnavi Suresh

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EDUCATION

New York University, Leonard N. Stern School of Business **New York, NY**
B.A. in Computer Science, B.S. in Finance *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