

Rohan Kallur

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Education

Stevens Institute of Technology

Sept 2021 – May 2025

Bachelor of Science in Computer Science, Minor in Finance

Hoboken, NJ

- **GPA:** 3.7/4.0
- **Relevant Coursework:** Data Structures, Algorithms, Object-Oriented Development, Agile Methods, SQL Databases, Mobile Systems and Applications, Intro to Quantitative Finance, Financial Accounting, Corporate Finance, Intro to Derivatives
- **Academic Honors:** Dean's List (All Semesters), Upsilon Pi Epsilon (Computer Science Honor Society)

Skills

Languages: Python, Solidity, Java, Javascript, C/C++ , SQL, OCaml

Tools and Frameworks: Git, Unix, AWS, React, React Native, Jupyter Notebook, PostgreSQL, Django, Truffle, Ganache, Web3.js, PyTorch, TensorFlow, OpenAI, Atlassian, Docker, RemixIDE

Work Experience

Software Development Intern

May 2024 – Aug 2024

Netki

Remote

- Developed an open-source smart contract in Solidity for a decentralized token verification system, enabling secure and transparent transactions
- Utilized Solidity to efficiently process on-chain user and transaction data, ensuring compliance with KYC (Know Your Customer) regulations and verifying the authenticity of digital assets
- Improved contract performance by refactoring code, reducing gas costs by 50%, and optimizing algorithms for greater efficiency

Research Assistant

Jan 2023 – May 2023

Stevens Institute for Artificial Intelligence

Hoboken, NJ

- Conducted National Science Foundation funded research on AI and machine learning as part of the "Future of Work at the Human-Technology Frontier" initiative, collaborating with Columbia and Syracuse Universities
- Explored Natural Language Processing (NLP) and Generative AI models, integrating machine learning algorithms into Python-based frameworks to develop interactive tools for advancing computational journalism
- Developed a project leveraging Generative AI APIs to analyze images and generate news headlines by applying vector similarity and clustering algorithms

Financial Planning and Data Analysis Intern

May 2022 – Aug 2022

ProSmile Dental Support Organization

Toms River, NJ

- Analyzed company spending of over 100 unique vendors through over 50 different dental health practices
- Categorized the vendors and consolidated funds over a 15 month period
- Created a plan to reduce spending by 20% and consolidate vendors for merging practices
- Negotiated with large vendors for reduced pricing of wholesale goods

Projects

Portfolio Website

Mar 2025 - Present

- Developed a website to showcase my projects and skills. Continually updated with new projects and overall design upgrades
- **Tools:** React, NextJS, TailwindCSS, Javascript, Vercel

Presurgical Epilepsy Evaluation Platform Project

Jan 2024 - May 2024

- Collaborated with an agile team to create a full stack interactive predictive brain model to help predict seizures in at risk patients using source localization machine learning techniques.
- **Tools:** React, Firebase, PyTorch, Flask, PandaDB, Jupyter Notebook