

Kevin Fang

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EDUCATION

Carnegie Mellon University

Pittsburgh, PA, USA

Bachelor of Science in Computer Science, Business Administration

June 2020 - May 2024

QPA: 3.50 | Dean's List

Relevant Coursework: Machine Learning | Designing Human-Centered Software | DSA | Parallel Computer Architecture

Organizations: CMU Tech & Entrepreneurship Community Lead | Carnegie AI Safety Initiative | Product@CMU Board

Men's Club Water Polo | Head First-Year Orientation Counselor | Student Body Elections Board ('21) | Ballroom Dance

EXPERIENCE

Technical Consulting Intern

New York, NY, USA

PricewaterhouseCoopers LLP | Professional Services

June 2023 - August 2023

- Implemented custom Microsoft Dynamics365 and PowerApps instances for 3 major clients in banking and aviation.
- Developed Generative AI toolbox (GPT, GAN, VAE) with safety policies for Operations Transformation team.

Product Growth Intern

Pittsburgh, PA, USA

Exp2ii | Edtech, Seed funding by Rothenberg Ventures, Adam D'Angelo

May 2022 - May 2023

- Automated marketing pipeline using Google Analytics and segmented A/B testing, resulted in 26% increase in CTR.
- Integrated live chat + user tracking with Calendly and Formilla APIs, led to 1,500+ additional client conversations.

Quantitative Analyst Intern

New York, NY, USA

Paratus Capital | Search Fund

November 2021 - April 2022

- Performed statistical modeling with NumPy and Pandas on ~200,000 SMBs using data from IBISWorld and Statista.
- Evaluated targets with multivariate analysis (R/Excel), presenting signals to principal + increasing deal flow by 15%.

Product Management Intern

San Francisco, CA, USA

Stayflexi | Hospitality, Seed funding by YC W'21, Asymmetry Capital

September 2021 - February 2022

- Architected instant room booking feature from patent analysis to Figma prototyping and development in Webflow.
- Redesigned main conversion pipeline focusing on optimizing user experience, reducing onboarding speed by 20%.

Product Management Intern

San Francisco, CA, USA

TruePlan | Fintech, Series A funding by Founder's Fund, General Catalyst

May 2021 - August 2021

- Deployed Fullstory and Intercom APIs to study client activity patterns & create user stories for 8 enterprise customers.
- Illustrated dozens of graphics, heatmaps, data visualizations, and product comparison charts for target user personas.

PROJECTS

Mission Team

Pittsburgh, PA, USA

Iris Lunar Rover

August 2022 - Present

- Simulated SOLIDWORKS zero-gravity reaction wheel angular momentum calculations for cis-lunar space deployment.
- Assumed roles and received training for Systems, Telemetry, Comms, and Flight Director roles in mission simulations.

Engineering Lead

Pittsburgh, PA, USA

PRISM Ranger

May 2022 - August 2022

- Directed lander deployment mechanism trade studies for NASA proposal, leading engineering subteam of 6 students.
- Performed viewshed & slope analysis on 120+ GB of lunar surface images from Planetary Data System in MATLAB.

Founder

San Ramon, CA, USA

Project Helping Hands

May 2018 - May 2020

- Organized weekly financial literacy workshops and social improvement hackathons for students in disadvantaged areas.
- Awarded the Edward D. Miller Award, First Place at FBLA 2019 Nationals, California State Assembly Recognition.

SKILLS

Programming Languages (Proficient): C | Python (NumPy, Pandas) | C++ | R | SML

Programming Languages (Familiar): SQL | Java | Front-End (HTML, CSS, JavaScript)

Other Tools: MATLAB | MySQL | Shell | CUDA | OpenMP | PyTorch | Gitlab | RStudio

Design: Photoshop | Canva | InDesign | Spark | Figma | Premiere Pro | Webflow