

Madison Lee

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[Portfolio](#)

Education

Columbia University — New York, NY

Sept 2020 - May 2023

Bachelor of Arts, *Computer Science*

- Relevant Coursework: Artificial Intelligence, Databases, CS Theory, User Interface Design, Systems, Advanced Programming, Discrete Math, Linear Algebra, Calculus I-III, Financial Accounting

Experience

Technical Product Manager

June 2025 - Current | New York, NY

IBM Research, Granite

- Lead product strategy for multimodal AI models (speech, vision, time-series, embeddings), defining roadmap priorities and translating research into enterprise-ready capabilities.
- Collaborate with AI researchers to guide model development, define features, and ensure outputs align with user and design needs.
- Partner with design, engineering, and AI governance teams to ensure ethical, compliant, and usable AI solutions; contributed to IBM's first open-source model with ISO 42001 certification.
- Leverage user feedback, research, and data to iterate on AI features, improving adoption and usability.
- Communicate complex AI concepts to non-technical stakeholders, aligning cross-functional teams on product vision and priorities.

AI Engineer

Sept 2023 - June 2025 | New York, NY

IBM, Financial Services Market

- Designed and developed custom AI pilot solutions, integrating advanced models into enterprise workflows to demonstrate tangible business value.
- Partnered with clients and internal teams to translate technical capabilities into actionable product improvements, driving \$25.8M in revenue (23.2% above target).
- Presented AI solutions to clients and executives, influencing product adoption and strategic decisions.

Product Manager and Designer

Sept 2022 - May 2023 | New York, NY

UpFront, Columbia Build Lab Startup

- Led end-to-end product development and UI/UX design in Figma, integrating iterative user research to inform product and AI feature decisions.
- Developed design heuristics, prototypes, and workflows to guide engineering and AI feature implementation, increasing user engagement by 76%.
- Collaborated cross-functionally to align product vision with user needs and market requirements.

IBM Summit Intern

May 2022 - Aug 2022 | New York, NY

IBM, Financial Services Market

- Developed AI demos for Watson Assistant and IBM Cloud Pak, increasing client engagement by 32%.
- Recognized for leadership, communication, and growth mindset during final project presentation.

Skills

- Product & Design: Roadmap Development, Prioritization, Cross-Functional Collaboration, UX/UI Design (Figma), Human-Centered AI Design
- AI/ML: LLM Development, Multimodal AI, Model Deployment, Research Translation