

Angela Gao

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Education

UC Berkeley – B.S. Electrical Engineering & Computer Science + B.S. Business Administration <i>Management, Entrepreneurship, & Technology Program (M.E.T.)</i>	May 2024
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Relevant Coursework (*Graduate level):

- *Computer Graphics, Databases, *Machine Learning, *Robotics, Computer Algorithms (Python/SQL), Data Structures (Java), Computer Architecture (Machine Structures) (C, RISC-V)
- Economics, Accounting, Corporate Finance, Business Analytics, Leadership, Marketing, Pricing

Lund University - Exchange Student - Lund, Sweden

Fall 2023

- Human-Computer Interaction Design, Psychology and Artificial Intelligence, *Engineering Change Management

Work Experience

Applied Materials, Santa Clara, CA	July 2024 - Present
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Product Manager - New Service Product

- Analyzing data using SQL/Pandas to identify upsell opportunities, resulting in 500k+ contract lifetime revenue
- Leading the go-to-market strategy for new service product, reduced launch timeline by 6 months and generating \$200K+ in qualified pipeline pre-launch with a focus on cost sensitive customer segments
- Working with legal to ensure compliance with changing trade regulations for product launches
- Solve customer problems by delivering AI-based analytics solutions, optimizing sensor placement and identifying valuable signals, improving adoption by 10%
- Communicating with internal and external stakeholders across Europe/North America as product marketing focal, collecting feedback and creating positioning materials that reduced sales cycle

Estee Lauder Companies, Long Island City, NY - Hybrid

June 2023 - August 2023

Product Manager Intern

- Designed and launched an internal AI analytics dashboard that translated natural language queries into SQL
- Participated in product discovery through user interviews across cross-functional teams to identify pain points, prioritize features, and shape product roadmap based on data analysis (SQL, Python)
- Delivered presentations to VPs on the ROI and cost saving across organization of AI-powered analytics dashboard

Affinity Solutions, Remote

July 2022 - August 2022

Product Manager Intern

- Developed the roadmap for analytics and prediction model product using credit card spending data
- Collaborated with engineering, design, sales, marketing, and account teams to document the company data ETL pipeline and identify product opportunities by forecasting usage and calculating market size

Leadership & Activities

Young Professionals Network (YPN) ERG - Applied Materials	October 2024 - Present
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Treasurer

- Automated budget tracking and reporting using AI workflows, reducing man hours from 15 to 2
- Secured additional \$15K funding for signature event week by presenting ERG impact and engagement metrics to senior leadership

Stroke Patient Remote Physical Rehabilitation in Augmented Reality

February 2023 - May 2024

AR/XR Research Assistant

- Connecting virtual avatars with AI for live interactions by capturing user voice input, feeding into an LLM (machine learning model), and using text/lip-syncing packages (Python, Unity)
- Dynamically animated humanoid avatar using Python within Autodesk Maya, responding to randomized objects

3D Modeling and Animation Club - UC Berkeley

June 2021 - May 2024

President

- Orchestrated Berkeley's inaugural Technology & Art Exhibition, coordinated with university admin, six art and tech clubs and attracting 300 attendees; applied and received \$1000 in grant for the event

Skills: Python (advanced), SQL (advanced), Java, HTML, CSS, Tableau, Pandas, Figma, Mixpanel, Cursor, Replit, Claude code

Affiliations: Rewriting the Code (RTC), Society of Women Engineers (SWE), Association of Women Engineers (AWE)