

# Angela Gao

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## Education

**UC Berkeley – B.S. Electrical Engineering & Computer Science + B.S. Business Administration** **May 2024**  
*Management, Entrepreneurship, & Technology Program (M.E.T.)*

*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
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## Work Experience

**Applied Materials, Santa Clara, CA** **July 2024 – Present**

*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
- Delivered AI-based analytics solutions to clients by optimizing sensor placement and identifying most valuable signals, improving adoption and increasing analytic product penetration by 10%
- Working as product marketing focal for customer accounts across Europe/North America, collecting customer feedback and creating tailored product 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
- Conducted user interviews across cross functional teams to identify pain points, prioritize features, and shape product roadmap based on data analysis (SQL, Python)
- Synthesized UI design into software development roadmap and led meetings with engineering/business
- Delivered presentations to VPs on the ROI of the 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
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## Leadership & Activities

**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, fostering collaboration among six art and tech clubs and attracting 300 attendees; applied and received \$1000 in grant for the event
- Implemented strategies to connect and engage the 3D Modeling and Animation alumni network

**3D Modeler and Animator – 3D Animated Shorts in Autodesk Maya**

- Fleeting 12/2020 ([Watch here!](#)) Pandora 05/2021([Watch here!](#))
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**Skills:** Python (advanced), SQL (advanced), Java, HTML, CSS, Tableau, Pandas, Linux, Figma, Jira, Mixpanel, Cursor

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

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