

# Yangmei Lu

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## EDUCATION

**Borough of Manhattan Community College**, New York, NY

Associate in Science Degree; Major: **Computer Science (4.0)**

Expected Graduation Date: May 2026

**Current course:** Python, C++, Introduction to statistics, Introduction to algebra and pre-calculus

**NYU Tandon Bridge Program**, New York, NY

Bridge certification; Major: **Computer Science (Distinction Award)**

January 2023 - January 2024

**Course:** C++, Data Structures, Discrete Mathematics, Operating Systems, Networking

## PROFESSIONAL EXPERIENCE

**HeadStarter AI**, New York, NY

**SWE Apprenticeship**

July 2024 - Present

- Building 5+ AI apps and APIs using NextJS, OpenAI, Pinecone, StripeAPI with 98% accuracy as seen by 1000 users
- Developing projects from design to deployment leading 2+ engineering fellows using MVC design patterns
- Coaching by Amazon, Bloomberg and Capital One engineers on Agile, CI/CD, Git and microservice patterns

**AI Discovery with WorkED & Amazon**, New York, NY

**AI Externship**

Aug 2024

- Collaborated with team members at Amazon HQ to build chatBot, created and trained 2 AI models in Fashion and Health industry
- Developed 2 personal and team projects using chatGpt, Claude, Ideogram, IMB Watson and Canvas

**BMCC AI Tech Innovation Hub**, New York, NY

**Summer Intern**

June 2024

- Collaborated with fellow interns from Technology Innovation Hub and mentors from Columbia University and JP Morgan to create a website platform to facilitate the experience at food pantry
- Applied Agile methods to conduct scrum meetings with clients and collaborators, developing software using SQL, PHP, HTML, CSS and Bootstrap

**HongHai Technology - Communication & Network Solution Business Group**, Shenzhen, China

**New Product Introduction - RD Program Manager**

September, 2020 – August 2022

- Led the end-to-end development of smart home products like routers and set-top boxes, overseeing the entire lifecycle from concept to launch for ODM customers
- Managed NPI proto builds, ensuring on-time, on-budget and high-quality product delivery by collaborating with engineers, compliance, QA, and external suppliers

## CERTIFICATION

- Project Management Professional – PMP PMI
- National Psychological Counselor - Level II

## AWARDS

- Top Summer Intern Individual and Team Award in Economics and Trade Department
- Top Individual in Art & Culture Award
- Silver Prize for the ACTS National University Students Public Speaking Competition
- 1st place as a team on AI Track of the BMCC AI Innovation Challenge

## VOLUNTEER EXPERIENCE

**Programming Club**, New York, NY

**Club Mmber**

- Trained coding skill from weekly coding challenges, workshops, and guest lectures
- Worked on collaborating projects, networking with industry professionals

**Happy Family Research Institute**, Shenzhen, China

**Psychologist/Counselor**

- Trained as a seed counselor from online courses, offline meetings and practices
- Supported rural left-behind children and elders by providing consulting and service