

Angelina Lee

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EDUCATION

The Pennsylvania State University

Bachelor of Science in Computer Science | GPA: 3.86/4.00

University Park, PA

Aug 2023 – May 2027

Minors: Mathematics, Computer Engineering, Cybersecurity

Relevant Coursework: Object-Oriented Programming, Data Structures & Algorithms, Operating Systems, Computer Architecture, Linear Algebra, Systems Programming, Programming Language Concepts, Statistics and Probability, Computer Vision, Wireless Systems and Security

TECHNICAL SKILLS

Languages: Python, Java, C, C++, HTML, CSS, JavaScript, Pandas, Assembly, PyTorch, Racket, SQL, LangChain, Swift

Technologies: React, React Native, Expo, Linux, Git, AWS, Unix Shell Scripting, Azure, PyTorch, OpenAI, Hugging Face, Verilog

Interests: Artificial Intelligence, Machine Learning, Quantum, Deep Learning, Embedded Systems, Cloud, Cybersecurity

EXPERIENCE

AI Engineer Intern

May 2025 – Present

IBM

Philadelphia, PA

- Built an elastic generative AI system in WatsonX, achieving 80% transformation accuracy when converting ADABAS Natural code, allowing enterprises to modernize critical applications faster, cut technical debt, and scale adoption of cloud-ready solutions.
- Partnered with global engineering teams to design an intelligent virtual support agent with 3 AI-powered modules (conversational, diagnostic, contextual querying), cutting troubleshooting time by 35% and improving customer satisfaction for millions of users.
- Spearheaded a 12+ participant AI workshop, enabling attendees to build functional agents and boost adoption of WatsonX
- Built multiple digital threads to demonstrate product applications across client industries, strengthening real-world relevance
- Curated a 100-dataset corpus from 1,000+ cloud sources using WatsonX Orchestrate, enhancing data transparency and accelerating decision-making across internal teams and external stakeholders

Programming and Computation II Course Grader

Jan 2025 – Present

The Pennsylvania State University, College of Engineering

University Park, PA

- Evaluated 2,000+ coding assignments and exams for 400+ students, ensuring consistent grading and improving code quality
- Delivered detailed, personalized feedback to strengthen students' ability to write robust, efficient, and reusable code, fostering improved programming practices

Calculus with Analytic Geometry Learning Assistant

Jan 2024 – Present

The Pennsylvania State University, Eberly College of Science

University Park, PA

- Mentored 30+ students in lectures and led interactive discussions, strengthening comprehension of advanced math concepts
- Hosted weekly office hours for 1,000+ students, providing tailored guidance that improved problem-solving and exam readiness
- Collaborated with instructors to refine curriculum, making advanced coursework more accessible and engaging for diverse learners

Full-Stack Developer

Feb 2025 – May 2025

Flourish

Remote

- Directed a team of 3 developers in building a scalable wellness-tracking platform, ensuring on-time delivery of new features
- Developed and maintained cross-platform mobile applications using React Native and Expo, delivering a consistent, user-friendly interface across iOS and Android while optimizing performance to reduce latency by 20% and enhance program scalability
- Collaborated with a 12-member cross-functional team to design and integrate back-end architecture, APIs, and databases, strengthening user engagement and enabling real-time wellness tracking and data visualization

Information Technology Intern

May 2024 – Aug 2024

Temple University

Philadelphia, PA

- Resolved 100+ technical issues with a 95% first-call resolution rate, significantly reducing downtime for faculty and students
- Coordinated the setup of a 30-workstation computer lab, configuring customized software one week ahead of schedule
- Engineered and deployed a cross-departmental support request platform, leveraging full-stack skills to create a centralized system that increased overall user-to-maintenance efficiency by 25%

PROJECTS

Interactive Food Review Map

Sep 2025 – Present

- Developed a full-stack web application using HTML, CSS, JavaScript, and React, integrating Google Maps API to build an interactive map that tracks user-visited locations and enables food rating functionality, enhancing engagement and usability