

# Eunice Lee

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## Experience and Projects

### [VisionWorks](#), B2C E-Commerce

Pittsburgh, PA

Student Data Analyst

January 2025- May 2025

- Employed clustering models in **Python** and PowerBI to **conduct product research**, segmenting 1000+ SKUs by region and other attributes (shape, materials) to suggest optimal assortment strategy for future revenue growth.
- Evaluated pricing strategy impacts on sales performance, informing future promotional planning and **industry benchmarking for margin optimization** against market competitors (Warby Parker, Lens Crafters).

### [Nomad AI](#), Agentic AI and Travel (Hackathon Winner)

New York, NY

Frontend Software Engineer

July 2025

- Deployed a self-hosted **Large Language Model (Gemma 3B LLM)** on **Google Cloud Run** to power an AI trip planner integrating live APIs for real-time itineraries.
- Built an agentic automation workflow with **LangGraph + FastAPI** to automate planning tasks, **reducing time spent on research and content writing by 70%+**.

### [Hoppscotch](#), Open Source Software Project

March 2025

- **Implemented a new "favoriting" feature** in the open-source API testing platform [Hoppscotch](#) by modifying both the **frontend (Vue.js)** and **backend (GraphQL + Postgres)** layers to support saving and retrieving user favorites.
- **Collaborated closely with backend and database teammates** during Sprint 1 to align on schema updates, PATCH endpoint responses, and error handling scenarios, contributing to an end-to-end functional feature shipped in under 2 weeks.
- **Tested integration functionality** and resolved UI behavior bugs that occurred when toggling favorites across sessions, improving state reliability from ~70% to **100% consistent behavior** after patching.

### IBM, z/OS Infrastructure and Technology

Poughkeepsie, NY

Infrastructure Technical Support Engineer Intern/ Acting Frontend Software Engineer

May 2024- Aug 2024

- Supported **IBM z/OS mainframe systems powering 70% of global banking and payment transactions** by automating infrastructure coverage reporting with Python to reduce prep time by 50% (30→15 min).
- **Developed hypotheses around alert fatigue trends** by analyzing PagerDuty logs and escalation histories; scoped operational gaps and delivered recommendations that led to a 20% improvement in priority incident response rates.
- **Synthesized multiple infrastructure data sources**, including historical logs and siloed support tickets, into real-time Tableau dashboards, **creating new solutions to visibility challenges** and helping managers rebalance workloads across regions.

### CoDesign, Design Education

Pittsburgh, PA

Student Project Manager, Pro-Bono Product Consultant

Aug 2024- May 2025

- Led a cross-functional team of 7 designers & researchers to uncover student pain points and launch digital engagement campaigns that reached **100+ students** across campus organizations.
- Applied **campaign performance analysis** to measure outcomes, resulting in a 60% reported increase in participants' confidence and interest in design collaboration, and informing adjustments to future outreach strategies.
- Proposed a long-term implementation roadmap with defined success metrics, enabling scale to 300+ design-involved students annually and positioning CoDesign's initiatives with clear **competitive differentiation in student engagement**.

## Education

### Carnegie Mellon University

Expected Dec 2026

Bachelor of Science in Information Systems with Data Science Concentration

Culminative GPA: 3.6 | Deans' List

**Relevant Coursework:** Web Apps, Data Visualization with D3.js, Human AI Interaction, Database Design & Development with SQL, Methods of Statistics and Data Science, Data Analytics for Product Managers, Marketing, Management Consulting

**Leadership:** Public Relations Chair and Project Manager for Design for America (2023-2025), User Experience Association, Women in Information Systems Mentor, Student Senator representing 150+ Dietrich College students (2023-2024)

**Skills:** HTML/CSS/ES6 (Javascript), Python, Ruby on Rails, Java, SQL, R programming, Selenium, GraphQL

**Tools:** Native React, Vue.js, D3.js, Vegalite, Django, MongoDB/Redis/Postgres, Docker/Podman, PowerBI/Tableau