

Joey Lam

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EDUCATION

Boston University

Bachelor of Arts in Computer Science and Economics

Boston, MA

Sept. 2023 – May 2027

EXPERIENCE

Consultant

The Andrew W. Mellon Foundation

Oct 2024 – Present

New York, NY

- Developed a full-stack application to render a dynamic taxonomy tree from Airtable data using Next.js and React.

IT Intern

Jun 2024 – Aug 2024

- Created and deployed 5 custom API endpoints for Mellon's backend to streamline data migration.
- Built a synchronization tool for Communications teams to manage data independently.
- Enabled migration of grants data from Fluxx to Contentful through middleware services.
- Improved data transfer time by 18% by optimizing backend grant workflows.

IT Support Specialist (Client Technology Services)

Boston University

Sept. 2023 – Present

Boston, MA

- Installed and configured campus devices across departments.
- Diagnosed and resolved technical issues for students, faculty, and staff.
- Maintained over 200 printers and classroom tech equipment campus-wide.

Mentee

CVS Spring Student Mentorship Program

Spring 2025

Remote

- Participated in a tech mentorship program focused on software engineering and career development.
- Learned interview preparation techniques, coding best practices, and long-term career strategies.

PROJECTS

Calico | *Next.js, React, Supabase, Shadcn, Gemini 2.5 Flash, Git*

June 2025 – Present

- Built an AI-driven budgeting app with an assistant powered by Gemini 2.5 Flash to analyze receipts and extract key financial data
- Enabled automatic transaction logging to a Supabase database after receipt upload and parsing
- Designed an interactive frontend using React and Shadcn UI for users to review, categorize, and manage expenses
- Implemented real-time syncing, authentication, and persistent storage using Supabase

Invery | *Next.js, React, Supabase, Shadcn, Git*

May 2025 – Jun 2025

- Developed a full-stack inventory management platform with Next.js and Shadcn UI.
- Integrated Supabase for real-time authentication and storage.
- Visualized inventory data: stock levels, category breakdown, and valuation.
- Maintained clean Git workflow with regular commits.

BUFT | *Next.js, React, MongoDB, Mantine UI, Python, Git*

Nov 2024

- Scraped real-time menu data from BU Dining Hall sites.
- Enabled food selection, nutritional calculations, and virtual shopping cart.
- Built within a 24-hour hackathon window.

TECHNICAL SKILLS

Languages: TypeScript, Java, Python, Kotlin, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: React, Node.js, WordPress, Material-UI, Shadcn, Ant Design

Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ

Libraries: pandas, NumPy, Matplotlib