

Joey Lam

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Education

Boston University

Bachelors, Computer science and Economics

2023 - 2027

Benjamin N Cardozo High School

GPA: 3.98

Principal honor roll

Major: Computer science

2019 - 2023

Experience

Andrew W. Mellon Foundation

NYC

IT Intern

06/2024 – 08/2024

- Developed and integrated 5 API endpoints into Mellon's backend API to facilitate seamless data synchronization with a custom migration application, integrating data from Fluxx, Contentful, and a proprietary database.
- Designed and implemented a custom internal tool that enables communication teams to independently sync data, reducing dependency on the IT team for synchronization tasks.
- Developed an internal tool that allowed for the migration of data from Fluxx to Contentful in Mellon custom middleware.
- Optimized grant migration processes, resulting in a 18% reduction in data transfer time.

Boston University Help Center

Boston

IT Support Specialist (Client Technology Services)

08/2023 – Present

- Desk-side Visits: Provided rapid response for desk-side visits to address urgent IT issues and deliver personalized support to users. Maintained a strong physical presence within the supported units to strengthen client relationships.
- Quality Assurance: Implemented and adhered to best practices in IT service management to ensure high-quality and consistent support across all supported sites.
- Departmental Support: Acted as the dedicated Primary Responder (PR) for specific departments and schools on the Charles River Campus.
- Independently capable: Demonstrated the ability to think critically and make decisive on-the-spot decisions for multiple departments and schools. Effectively handled IT issues and provided timely support without the need for immediate assistance, ensuring smooth operations.

Robo Mind Tech

Fresh Meadows

Intern/Teacher

04/2023 – 07/2023

- Curriculum Development: Created engaging and comprehensive curriculum materials to facilitate effective instruction and learning outcomes
- Classroom Management: Maintained a disciplined and professional atmosphere by implementing effective strategies to ensure order, focus, and optimal student behavior.
- Innovative Drone Curriculum: Developed and implemented a curriculum integrating Python, OpenCV (cv2), and DJI technology, enhancing students' technical skills and fostering their interest in emerging technologies
- Inventory System Optimization: Collaborated with team members to establish and improve an efficient inventory management

Leadership & Activities

Dozosec

NYC, NY

Cofounder/Vice president

09/2022 – 06/2023

- Co-founder/Vice president of Benjamin N Cardozo cybersecurity club.
- Founded the first National cybersecurity league team in Cardozo
- Ranked 94th percentile nationwide for team games
- Ranked top 10 high schools in fall games
- Ranked 83rd percentile nationwide for individual games

Projects

Emotion checker: A computer vision project that picks up the user's facial emotion and returns a confidence score along with the current emotion. Used: Python, CV2, Tensorflow, Matplot, and Panda

PhotoPort: An website that stores a photography portfolio using nextjs and tailwind css

CrossoverTrader: A python script that performs automatic trades using algorithms that produced a ROI of 2.37%. Used: Python, alpaca api, finnhub, yfinance, and matplotlib

Scraper: A python script that scrapes trade data from capitol hill and returns recent activities. Used: Python, Numpy, Panda, Matplot, and Beautiful soup

Spotter: A vision detection program that detects human faces. Running on the tensorflow py framework.

HEYO: An desktop mental health app that is built using electron and PostgreSQL

Eportfolio: An online portfolio created using js and tailwind css on the next js framework.

Skills & Interests

Certificate: **Responsive Web Design** - Freecodecamp, **Data Analysis with Python** - Freecodecamp, **AWS Academy Graduate** - AWS Academy Cloud Foundations, **Python** - Kaggle

Technical: **HTML, CSS, Javascript, Java, C++, Python**

Frameworks: **TailwindCSS, Node.js, Nextjs, Reactjs**

Language: **English - Fluent, Chinese - Intermediate**