

# Joseph Decossard

+1 (646)-322-2356 | jedecossard@gmail.com | linkedin.com/in/josephdecossard | New York City, NY

Personal GitHub: github.com/jd24610 | School GitHub: github.com/jdecossard01

## EDUCATION

### Manhattan University

Bachelor of Arts: Computer Science, GPA: 3.4

Graduation: May 2026

Riverdale, NY

Coursework: Cybersecurity Lab, Data Structures & Algorithms, Software Engineering, Computer Security, Operating Systems

## TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C++, SQL (SQLite), CSS, HTML, MATLAB, Java, Bash

ML/AI: Qdrant, Pinecone (Vector Databases), HuggingFace, AI Automation, RAG, Prompt Engineering, LangChain, Semantic Search, Lightning.ai

Infrastructure/Tools: Docker, Vercel, Firebase, Git, GitHub, GitLab, Azure DevOps, Linux (Kernel/OS), MacOS, REST APIs, Node.js, Wireshark, Seed Lab, Hardware/IT

Spoken Languages: English, French, Creole (Trilingual Speaker)

## EXPERIENCE

### MU Summer Conference Assistant

Manhattan University

May – August 2025

Riverdale, NY

Provided customer service to large guest groups of several hundred students every two weeks; managed check-ins, resolved facility issues, and liaised with campus staff.

Managed room assignment logistics and escorted guests to accommodations prior to arrivals.

Maintained professionalism and composure in a high-volume, fast-paced customer-facing environment.

### Supervisor

Legoland

June 2022 – January 2025

Goshen, NY

Supervised daily restaurant operations; ensured food stations, supplies, and equipment were stocked and guest-ready at all times.

Trained and mentored new staff on service procedures, safety protocols, and brand standards.

Coordinated shift coverage and delegated tasks to maximize team efficiency during peak hours.

### Camp Counselor

Hebrew Educational Society Summer Camp

June – August 2021

Brooklyn, NY

Supervised 10–12 campers during activities, meals, and free time; enforced medical and dietary safety protocols.

Organized and led swimming, hiking, and nature walk activities in collaboration with fellow camp staff.

Communicated camper progress and milestones to parents throughout the summer program.

## PROJECTS

### Google OAuth 2.0 Authentication Service

Node.js, Express, Google Auth Library, Firebase, Passport.js

Fall '25 Semester

CMPT 369 – Cybersecurity Lab

Engineered a standalone OAuth 2.0 verification API using Express.js and the google-auth-library to protect user resources.

Integrated Firebase Authentication for step verification (MFA), enforcing a second authentication factor to harden user account security.

Configured secure routing redirects, session serialization, and backend auth checks to guard protected dashboard endpoints.

### CMPT 490 Capstone: Turkey.app

Python, SQLite, Qdrant, Lightning.ai

Spring '26 Semester

Manhattan University

Collaborated in a 4-member team using Agile/Scrum methodologies to develop a secure full-stack web application for image storage, organization, and semantic search.

Implemented backend functionality for user authentication, storage capacity management, and image upload/import/export.

Employed sprint planning for weekly team meetings: feature delivery and backlog reporting.

Scheduled and delivered a departmental presentation at the end of the semester to demonstrate final deliverables.

### College Application Tracker (CAT)

HTML, CSS, JavaScript, OAuth 2.0

Fall '25 Semester

CMPT 456 Software Engineering

Designed and built a web-based application in a 3-member team to help students research universities based on majors, track application deadlines, and receive automated reminders.

Personalized university search results based on individual user stories to match students with their optimal educational institutions.

Implemented secure user authentication using OAuth 2.0 to protect user privacy.

### Foster Care Information Website

HTML, CSS, UX Design

Fall 2025 Semester

Freelance Project

Contracted with a foster-home owner to design and build a website communicating the organization's mission, services, and resources (Home, About, Services, Contact pages).

Strengthened professional skills in client communication, responsive UX design, and independent project planning.

### Human Trafficking Research

Sociological Analysis

August – December 2022

Intro to Sociology (Prof. Maria Hernandez)

Researched human trafficking patterns affecting young women in Gambia, Senegal, and Kenya.

Analyzed socioeconomic causes and physiological/psychological effects on survivors (financial exploitation, coercion, forced immigration).

## CERTIFICATIONS & JOB SIMULATIONS

### Product Management Job Simulation

Electronic Arts (Forage)

Apr 2026

### Personal Banker Job Simulation

Wells Fargo (Forage)

Apr 2026

### Cybersecurity Upskilling & Frameworks

LinkedIn Learning

Mar 2025

### Securing Cryptocurrencies

LinkedIn Learning

Apr 2025

### Operating Systems: Overview, Administration, and Security

IBM

Nov 2022

### Cybersecurity Roles, Processes & OS Security

Coursera

Nov 2022

