

Olti Gjoni

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EDUCATION

Macaulay Honors College at Hunter College, Manhattan, NY Expected Graduation: June 2025
Major: Computer Science, Bachelor of Arts
Relevant Coursework: Data Structures and Algorithms, Software Engineering Analysis and Design, Deep Learning

EXPERIENCE

Software Engineering Intern, DistroAI, (Virtual) June - August 2024

- Built web scraping scripts with Playwright and TypeScript, extracting manufacturer data for over 8,000+ products
- Optimized MongoDB queries, reducing data retrieval time by 15% for large datasets and improving performance
- Debugged and enhanced AI tools while working with LLMs, ensuring seamless integration and robust performance
- Used GitHub for collaboration, managing merge requests, branching, and adhering to Agile methodologies

Software Engineering Intern, AuriStor, Manhattan, NY February - May 2024

- Constructed a TypeScript dashboard for a global namespace, reducing user navigation time by 30% for 500+ users
- Redesigned the React interface, increasing task completion rates by 20% and improving usability for all users.
- Implemented 20+ backend APIs using Go leading to a 25% improvement in data retrieval speed between millions of files
- Leveraged Docker for container deployment, enhancing resource allocation efficiency by 15% with OpenAFS integration

Software Engineering Intern, KPMG Advisory, Manhattan, NY December 2023 - January 2024

- Engaged in a project targeting asthma issues in the Bronx, analyzing data from ~40,000 cases to uncover correlations
- Utilized Python, Matplotlib, Pandas, NumPy, and SciPy to create 35 graphs/visualizations for data analysis
- Applied KPMG's AdvisoryGPT, using AI analytics to identify complementary correlations among 50+ data types
- Executed an OLS machine learning model to evaluate potential solutions, leading to a 15% improvement in predictions

Mentee, Google Software Engineering Program (x2) (G-SWEP) via ProjectBasta September 2023 - May 2024

- Selected as one of 80 participants, outperforming 700 applicants
- Participated in 10+ weeks of rigorous technical mentoring sessions with a Google SWE

PROJECTS

TRON-FundYou | (Winner, TRON Builder Tour NYC Hackathon ~30 hours) October 2024

- Created a decentralized investment platform on TRON blockchain, linking investors and creators without intermediaries.
- Designed smart contracts ensuring secure and verifiable transactions, releasing funds only under predefined conditions.
- Built a React UI for live TRON (TRX, USDT) price updates and integrated TRONLink for wallet authentication.
- Facilitated successful project funding of ~10,000 TRX during the hackathon, with over 50 transactions processed securely.

AcademiX | (Winner, HackCUNY ~70 hours) February 2024

- Engineered an innovative iOS app in Swift, enhancing ESL learning supporting 5 languages.
- Employed an OpenAI API to provide real-time, AI-powered language assistance and personalized learning experiences.
- Designed and deployed a FastAPI-powered backend, leveraging PostgreSQL for user data, supporting over 10,000+ files.
- Created a SwiftUI interface with interactive courses, a customizable calendar, and a multilingual AI chatbot for support.

SKILLS

Languages: *Proficient* Python (4 yrs) · C++ (3 yrs) *Intermediate* JavaScript/TypeScript (2 yrs) · Swift (2yrs) *Beginner* SQL (1 yr)
Software: MongoDB · Docker/Kubernetes · React · iOS · Bootstrap · Git · Bash · AWS · Vercel · JupyterNotebook