Ali Tleis

Boston, MA

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EDUCATION

Northeastern University — Boston, MA
Bachelor of Science in Computer Science — *Expected May 2028*
- **Relevant Coursework:** Algorithms & Data Structures, Calculus, Object-Oriented Design, Game Programming, Artificial Intelligence, Discrete Structures, Programming in C++, Fundamentals of Computer Science 1 & 2
Activities: Arab Student Association Club, Weight Lifting Club

EXPERIENCE

Top Choice Realty — New York, NY
Frontend Developer Intern — *Jun 2025 – Sep 2025*
- Collaborated with designers and backend developers to diagnose UX issues in listing and client-management workflows and ship iterative UI improvements
- Developed reusable frontend components using React, TypeScript, Tailwind CSS, and Framer Motion for client intake forms, dashboards, and search interfaces
- Designed a centralized MongoDB-backed data model for client and agent records, eliminating duplicate entries and improving data retrieval efficiency
- Built RESTful API integrations and Python automation scripts to clean and synchronize data, reducing manual maintenance effort by approximately 30%

Robert DeFalco Realty — New York, NY
Computer Technician Intern — *Jun 2023 – Sep 2023*
- Set up and configured office workstations including OS installations, software provisioning, and peripheral integration across 20+ employee systems
- Diagnosed and resolved IT issues related to performance, connectivity, printing, and email, reducing average employee downtime by approximately 30%
- Implemented basic system standardization practices such as update schedules and configuration baselines, reducing repeat support issues by approximately 25%

PROJECTS

Top Choice Realty Platform | *React, TypeScript, Tailwind CSS, Framer Motion* — Jun. 2025 – Sep. 2025
- Developed and launched a full-stack real estate management application to streamline listings, agent workflows, and client data access
- Implemented RESTful APIs with secure authentication to manage properties, users, and transactions
- Designed a responsive, modern frontend interface optimized for usability and performance

DaVinci Resolve Smart Upscale Plugin | *DaVinci Resolve, Python, Lua, OpenCV, FFmpeg* — Jan. 2026 – Present
- Built a custom DaVinci Resolve plugin to automatically upscale video footage to 4K with minimal quality loss
- Implemented dead-frame detection using computer vision techniques to identify, remove, and resequence dead frames
- Automated timeline reconstruction to ensure smooth playback and export without manual editing

Eternal Summary | *JavaScript, Chrome Extensions API, OpenAI API, HTML/CSS* — Sep. 2023 – Nov. 2024
- Built a Chrome extension that extracts live webpage content using content scripts and browser APIs
- Integrated the OpenAI API to generate real-time summaries through asynchronous client-side requests
- Designed a lightweight popup-based UI for fast user interaction without a backend server

TECHNICAL SKILLS

Languages: Python, Java, Lua, C++, C#, Kotlin, JavaScript, TypeScript
Frameworks & Libraries: React, Node.js/Express, React Router, MUI, Vite, Tkinter, Django (basics)
Backend & Systems: REST APIs, Authentication (JWT), Asynchronous Processing, System Integration
Databases: MongoDB (Mongoose, Atlas), PostgreSQL, MySQL
Tools: Git/GitHub, Linux, Jest/JUnit, Heroku, GitHub Pages, Arduino