

Ali Tleis

Boston, MA

(347) 513-4098 | Tleis.a@northeastern.edu | [LinkedIn](#) | [Portfolio](#)

EDUCATION

Northeastern University

Boston, MA

Bachelor of Science in Computer Science

Expected May 2028

- **Relevant Coursework:** Algorithms & Data Structures, Object-Oriented Design, Database Systems, Artificial Intelligence, Discrete Structures, Programming in C++
- **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, Flask, OpenAI API, HTML/CSS*

Sep. 2023 – Nov. 2024

- Engineered an AI-driven web application to generate concise summaries of long-form content
- Architected backend systems to handle asynchronous API requests
- Improved summary accuracy through advanced web scraping sanitization

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