Ali Tleis

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EDUCATION

Northeastern University *Boston, MA*
Candidate for *Bachelor in Computer Science* *May 2028*

TECHNICAL SKILLS

Languages: Python, Java, C++, C#, Kotlin, JavaScript, TypeScript
Frameworks & Libraries: React, Node.js/Express, React Router, MUI, Vite, Tkinter, Django (basics)
Databases: MongoDB (Mongoose, Atlas), PostgreSQL, MySQL
Tools/DevOps: Git/GitHub, REST APIs, Jest/JUnit, Linux, Heroku, GitHub Pages, JWT auth
Spoken Languages: English (Native/Bilingual), Arabic (Native/Bilingual), French (Limited Working)

PROJECTS

Eternal Summary — On-Demand AI Summarizer *Sep. 2023 - Nov 2024*
• Engineered an AI-driven web application leveraging Large Language Models (LLMs) to generate concise summaries of long-form content, improving information retention and reducing user reading time by 75%.
• Architected a robust backend to handle asynchronous API requests, ensuring low-latency responses and seamless integration between the frontend and third-party AI endpoints.
• Optimized data extraction efficiency by implementing advanced web-scraping sanitization, resulting in a 30% increase in summary accuracy across diverse web sources.
Github Repo: https://github.com/Alitleis123/Eternal-Summary
Tech Stack: Python, OpenAI API, Flask, BeautifulSoup, JavaScript, HTML/CSS

Top Choice Realty *Jun 2025–Present*
• Engineered and launched a full-stack real estate management web application to streamline client listings, agent workflows, and property data access for a growing brokerage.
• Built a scalable backend with RESTful APIs to manage properties, users, and transactions, ensuring secure authentication and efficient data flow between services.
• Designed a responsive, modern frontend interface optimized for usability and performance, improving agent productivity and client navigation experience.
Github Repo: https://github.com/Alitleis123/topchoicerealty
Tech Stack: React, Tailwind CSS, TypeScript, Framer Motion, GitHub Actions

EXPERIENCE

FrontEnd Developer Intern *Apr – Aug. 2024*
Top Choice Realty *New York, NY*
• Collaborated with cross-functional teams to troubleshoot UX issues and ship iterative UI improvements, reducing back-and-forth corrections and cutting common task completion time by ~20–30%.
• Built Python backend scripts to automate routine data cleanup/updates, eliminating repetitive manual work and saving ~5–8 hours/week across operations.
• Designed and implemented a centralized client/agent data management system with cross-referencing and validation, reducing duplicate/inconsistent records by ~30–40% and improving lookup/retrieval speed by ~2–3×.
Computer Technician Intern *Jun – Sep. 2023*
Robert DeFalco Realty *New York, NY*
• Set up and configured office workstations (OS installs, software provisioning, peripherals), completing ~20–30 device setups and cutting onboarding time from ~2 hours to ~45–60 minutes per device.
• Diagnosed and resolved day-to-day IT issues (performance, connectivity, printer/email), closing ~10–15 tickets/week with an average resolution time of ~30–60 minutes.
Implemented basic standardization (updates, backups, common configs) that reduced repeat issues by ~15–25% and minimized downtime during business hours.

RELEVANT COURSEWORK

Fundamentals Of Computer Science 1 & 2, Object-Oriented-Design, Calculus, Artificial Intelligence, Discrete Structures, Game Programming, Programming in C++, Algorithms and Data Structures