

Ali Tleis

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EDUCATION

Northeastern University, College of Sciences

Boston, MA

Candidate for Bachelor of Science in Computer Science & Sociology

Class Of 2028

Activities: Arab Student Association

RELEVANT COURSEWORK

Fundamentals Of Computer Science

Object-Oriented-Design

Fundamentals Of Computer Science 2

Game programming 1 & 2

Artificial Intelligence

Discrete Structures

Algorithms and Data

Programming in C++

Calculus

EXPERIENCE

FrontEnd Developer Intern

Apr – Aug. 2024

New York, NY

Top Choice Realty

- Collaborated with cross-functional teams to troubleshoot and improve UI/UX design while implementing backend scripts using Python.
- Designed and implemented a data management system to store and cross-reference information on past clients and agents, improving operational efficiency.
- Optimized frontend interfaces by integrating user feedback and backend improvements, enhancing overall user experience and functionality.

Computer Technician Intern

Jun – Sep. 2023

New York, NY

Robert DeFalco Realty

- Set up and configured computer systems, ensuring smooth hardware and software operation across the office.
- Diagnosed and troubleshooted technical issues, resolving hardware malfunctions and optimizing software performance.

PROJECTS

Eternal Summary — On-Demand AI Summarizer

Sept. 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/Alittleis123/Eternal-Summary>

Tech Stack: Python, OpenAI API, Flask, BeautifulSoup, JavaScript, HTML/CSS

Portfolio (Live Demo)

June 2025–Present

- Designed and developed a responsive, mobile-first portfolio website to showcase technical projects, resulting in a professional digital presence with optimized SEO performance.
- Implemented modern UI/UX principles using Tailwind CSS and Framer Motion for smooth animations and interactive elements, enhancing user engagement and cross-browser compatibility.
- Automated deployment workflows using GitHub Actions for Continuous Integration/Continuous Deployment (CI/CD), ensuring the live site stays synchronized with the latest codebase updates.

Github Repo: <https://github.com/Alittleis123/Portfolio>

Tech Stack: React, Tailwind CSS, JavaScript (ES6+), Framer Motion, GitHub Actions

TECHNICAL SKILLS

Languages: Python, Java, C++, C#, Kotlin

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)