

Adonai Addo

I am a skilled software developer with a focus on delivering exceptional results on complex and impactful projects. Adaptable, team-oriented, and quick to learn, I thrive in collaborative environments and am excited to bring my skills and curiosity to your software engineering co-op this spring.

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LANGUAGES, TOOLS, AND FRAMEWORKS

Experienced

- C/C++, APIs, Python, React.js & Functional React, SQL, JavaScript, TypeScript, HTML, CSS, Bootstrap CSS, NodeJS

Proficient

- Objective-C, C#, Swift, Flutter, Assembly, Java, Mongo

SKILLS

Soft

- Curiosity, attention to detail, collaboration, adaptability, problem-solving, time management, re-examination

Hard

- Full-Stack Development, Machine Learning (Supervised & Unsupervised), AI, Q-Learning Algorithms, Game Design, APIs, Front-end, Back-end

CLUBS

- JumboCode
- Tufts Robotics Club
- Tufts Electric Car Racing Club
- Tufts Magician's Society

EDUCATION

BSc Computer Science

Tufts University | 2020 - Present

Relevant Coursework: Data Structures, Algorithms, Machine Learning & AI, Machine Structure, Cybersecurity, System Design, Surveillance, Software Engineering, Distributed Systems

WORK HISTORY

Software Engineering Intern

Microsoft | May 2023 - Aug 2023

- Built a framework to automate asset-documentation using the ChatGPT API (C# and TypeScript)
- Increased developer documentation productivity (time and accuracy) by an average of 300%

Software Engineering & Product Management Intern

Microsoft | May 2022 - Aug 2022

- Delivered an average of 1200% time savings for creating data reports by designing and building data report creation portal using Functional React that reduced report creation time from months to days
- Influenced multiple stakeholders within Microsoft DPG by presenting data on cost impacts of incumbent methods and implemented solution

Research Intern

Tufts CEEo | Jun 2021 - Aug 2021

- Research Paper: [2110.04697.pdf \(arxiv.org\)](#)

PROJECTS

Hey GPT | GPT, Whisper, Gradio

- Built a **personal assistant** using GPT and Whisper APIs

Tufts Pass | Swift, PassKit API, NFC

- Developed digital **student IDs** for Tufts students on Apple Wallet using the PassKit API (Swift)

Jumboverse | TypeScript, GatherTown API

- Built and launched **metaverse** of the Tufts University Campus using the gather.town API (TypeScript)

Portfolio Website | React, SASS, EmailJS

- Created responsive **website** with email functionality