Adam Trac

 noonbles | Adam Trac | atrac480@gmail.com | (+1) 857 267 1103

EDUCATION

BS in Computer Science at **University of Massachusetts Amherst** (GPA: 3.83/4.00) May 2024
Coursework: Discrete Math, Data Structures, Algorithms, Functional Programming Principles, Operating Systems, Web Development, Scalable Web Systems, Databases, Machine Learning, Programming Ethics, Cybersecurity Principles
Certifications: CareerSafe, Cisco's "Intro to Cybersecurity", Cisco's "IT Essentials", Cisco's "Intro to Routing and Switching", Dean's List UMASS Amherst

SKILLS

Languages: Javascript, Python, Java, HTML, CSS, C/C++,SQL, Lua
Technologies: ReactJS, TailwindCSS, PostgreSQL, MySQL, Flask, ExpressJS, DaisyUI, MongoDB

WORK EXPERIENCE

Software Engineer Intern @ Granite Telecommunications   June 2023 - Sept 2023

- Worked with a team of 5 upper level developers to create Edgeboot Configuration Software
- Developed **Dockerized** frontend components and fixed bugs for edgeboot web application using **React.js, Next.js, Tailwind CSS**, and **Headless UI**
- Assisted team members to research and resolve technical issues and provided project status reports
- Used a local database and DBeaver to manage and develop **PostgresQL** backend
- Wrote and uploaded scripts to private Gitlab repository to assist senior developers in development process

PROJECTS

Discord Bot "GameFinder"

- Solo development project utilizing **Python**, **Discord API** and **HowLongToBeat API** to gather, share, and display game information through Discord messages
- Integrated a **Dockerized MongoDB Express.js** backend storage system to manage large backlogs
- Created a frontend web application to aid in game selection and data visualization

Docu-view Web Application

- Collaborative 10-person team development of document manager app for ISO New England company
- Led frontend development, choosing the **React-Tailwind CSS** technology stack, supervising a team of 3 other developers, implementing features, and designing the website's aesthetics.
- Collaborated with backend engineers to establish seamless communication between the **Microsoft Azure PostgreSQL** database and frontend, integrating dynamic animations for enhanced visual appeal.

Roblox Game Fork "Choose a Team and Build Their Fort (Updated)"

- Updated/maintained LUA codebase of 10+ year old sandbox game
- Pushed new features such as a more detailed creator tool and framework for secure server-client communication