DAVID ODUNEYE

Linkedin: https://www.linkedin.com/in/DOOduneye/
Github: https://github.com/DOOduneye

Email : oduneye.d@northeastern.edu
Number : (443) 943 - 7971
Availability: January — June 2023

EDUCATION

Northeastern University — Boston, MA
Bachelor of Science in Computer Science — Concentration in Software — GPA: 3.6 — *Expected May 2025*

Relevant Courses: Algorithms and Data Structures, Object Oriented Design, Discrete Structures, Web Development, Mathematical Reasoning, Fundamentals of Computer Science 1 & 2, Foundations of Cybersecurity.
Activities: Honors Program, Northeastern Powerlifting, Northeastern Black Society of Engineers

Parkville High School Center of Science & Mathematics — Baltimore, MD
General Education; GPA: 3.86 (Top 1% of class) — *Aug 2016 - May 2021*

Honors: Eugene J. Becker Award for Cybersecurity and Cryptology, Merit Scholastic Award

SKILLS SUMMARY

- **Languages**: React, NextJS, Express, Redux, Java, Python, Javascript (Node), jQuery, HTML, SASS, SQL, MongoDB, C++
- **Tools**: GIT, TailwindCSS, JtR / Hashcat, LaTeX, Gimp, IntelliJ, REST APIs

EXPERIENCE

Build Studio Software Engineer — Boston, MA
Generate Product Development — *Sep 2022 - Current*
- Worked with a development team to utilize emotion and subject extraction models to analyze connections and determine trigger points in journal entries for a mental health service.
- Worked on researching Natural Language Processing procedures and used python to parse through data to analyze responses from the models.
- Developed a meaningful relationship with a client troubleshooting their issues and goals of the project.

Foundations of Cybersecurity Teaching Assistant — Boston, MA
Khoury College of Computer Science — *Sep 2022 - Current*
- Held 2+ hours of office hours per week to meet individual students for one-on-one academic support and tutoring.
- Provided faculty support in grading, and reviewing assignments.

Lead Instructor — Ann Arbor, MI
iD Tech Camps — *Jun 2022 - Aug 2022*
- Instructed 50+ students in multiple courses, including Vex Robotics with C++, and Programming in Java.
- Helped build and program 10+ VEX robots with students.
- Held one-on-one sessions for students to review more advanced concepts such as polymorphism, data structures, and exception handling.

Resident Assistant — Boston, MA
Northeastern University — *Aug 2022 - Current*
- Connected and empathized with residents to build community belonging, create programming, and ensure the upkeep of the complex of over 1000 residents.
- Responded to resident questions and concerns, managing conflicts and policy violations with productive de-escalation tactics and ensuring the safety of the community.

PROJECTS

- **Jurni**: A mental health app that analyzes journal entries and is able to find connections between subjects and emotions, over time, built with Python.
- **SMI**: An ExpressJS web app that generates playlists/songs based on a phrase. Based on Word2Vec techniques, the phrase gets parsed and analyzed for subject and word similarity to genres and tones.
- **Image Manipulator**: Developed a functional proto-photoshop built on Model-View-Controller principles and designed with Java Swing. Allows users to import, edit and export images. Used structural and behavioral design patterns to solve common issues in designing programs. Abstracted effect classes to optimize creation of editing tools.
- **Personal Website**: Designed a personal website to share personal projects and blog. Developed using HTML, TailwindCSS and React. Designed a SSR CMS with MDX and Node.JS.
- **Twitter Clone**: A Twitter Clone built with React.JS, Bootstrap, and MongoDB.

INTERESTS

- Powerlifting, Hiking, Christopher Nolan films, Notion buff, Acting