

Azeem Aijaz

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EDUCATION

Virginia Commonwealth University | Richmond, VA

August 2019 - May 2023

- *B.S. in Computer Science* (GPA: 3.6)
- Dean's List (Spring 2020, Fall 2021, Spring 2022, Fall 2022)

Coursework: Interdisciplinary Web Design, Data Structures, Fundamentals of Software Engineer, Algorithm Analysis with Advanced Data Structures, Intro to OS, Programming Languages, Database Theory, Intro Software Analysis & Test

EXPERIENCE

Web Development Intern | NobleCanni:

June 2022 - September 2022

- Collaborated with CEO for website rebranding, improving aesthetics, and enhancing visual appeal with new sections
- Website rebrand led to a 40% increase in engagement in the initial month while reducing page loading time
- Took leadership role, conducted research, generated innovative ideas, and actively contributed to team collaboration
- **Tools used:** WordPress, HTML, CSS, JavaScript, Figma

Data Scientist | VCU College of Engineering (**Capstone Project**):

September 2022 - April 2023

- Constructed two automated and practical learning modules to streamline data analysis for digital forensic scientists
- Led the team, driving progress toward project deadlines while actively suggesting innovative module enhancements
- Applied Python for chat log data analysis, including keyword extraction, emotion detection, and data visualization
- **Tools Used:** Python, GitHub, Google Collaborate, Jupyter Notebook, Zoom

PROJECTS

Postifly - "postifly.vercel.app"

August 2023

- Developed a dynamic full-stack social media platform, showcasing frontend and backend development skills
- Elevated user interaction by incorporating sign-in authentication for creating posts and liking or commenting on posts
- Utilized NextJS and React for frontend coding, while leveraging Prisma and Postgres for data storage and management
- **Tools used:** NextJS, React, HTML, Tailwind, Typescript, Prisma, PostgreSQL, GitHub, Vercel, VS Code

Comfort Calorie - "comfort-calorie.vercel.app"

July 2023

- Developed a responsive personal project offering a valuable tool to track daily calorie intake based on goals
- Crafted a form for daily calorie count suggestions; integrated API for nutritional data and a pie chart on searched foods
- **Tools used:** NextJS, React, HTML, Tailwind, GitHub, Vercel, VS Code

Multi-process and Multi-threaded Print Server

April 2022

- Created a C program for a print server using processes and threads, showcasing synchronization with semaphores
- Managed printer queue, with producers adding print jobs and consumers processing using both FIFO and LIFO order
- **Tools Used:** C, Linux, Bash, Command Line, Shared Memory, Semaphores, GitHub

SKILLS & TOOLS

Languages/OS: Java, C, C#, C++, Python, HTML, CSS, JavaScript, SQL, Bash, Windows, Linux

Technologies: Git, NextJS, React, Node, TailwindCSS, Typescript, Bootstrap, PostgreSQL, JUnit, Flask, SocketIO