

Uvaish Bakaliya

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<https://ubakaliya-portfolio.netlify.app/>

SUMMARY

As a computer science student, I have a strong passion for solving complex problems and creating innovative software solutions. My expertise in data structures, algorithms, and object-oriented programming has given me a strong foundation in the field. I am eager to use my technical skills and passion for technology in a dynamic and challenging role within the tech industry. I believe my skills and experience make me an ideal candidate for a tech-related position.

EDUCATION

University of Illinois at Chicago
Bachelor of Science in Computer Science

Expected: Dec 2024

SKILLS

Programming Languages: C++, C, Java, Python
Miscellaneous: Git, Raspberry Pi

Web Technologies: HTML & CSS, Flask, JavaScript

EXPERIENCE

JP Morgan

Jun 2022 - Jul 2022

Software Engineering Virtual Internship(Remote)

- Implemented agile development approaches, including coding and testing best practices, to design and integrate new features for software applications.
- Investigated and analyzed technical issues, then published findings on GitHub to effectively resolve them.

RELEVANT COURSEWORK

•Data Structures and Algorithms •Object-oriented Programming

PROJECTS

Mini Search Engine

Oct 2022 - Nov 2022

<https://github.com/UBakaliya/Mini-Search-Engine>

Tools: C++

- Developed a Mini Search Engine that allows users to search for queries and receive the best matching results in the form of URLs.
- Implemented a system for searching for multiple queries at once, using operators such as "+" and "-".
- Improved search accuracy by integrating advanced algorithms for matching query terms to relevant URLs.
- Utilized natural language processing techniques to understand the user's search intent and provide more relevant results.
- Enhanced the user experience by implementing a clean and intuitive user interface. Conducted extensive testing to ensure the reliability and performance of the search engine.

Wordle Reload

Feb 2022 - Mar 2022

<https://github.com/UBakaliya/Wordle-Reload>

Tools: C++

- Developed Wordle Reloaded, a challenging word-guessing game that encourages players to achieve high scores within a time limit.
- Created a fun and engaging gameplay experience for players by incorporating a random word generator and score-tracking system.
- Implemented a time restriction feature to increase the difficulty and replay value of the game.
- Tested and debugged the game to ensure smooth operation and optimal performance.

Bird Of The Day

Nov 2020 - Dec 2020

<https://github.com/UBakaliya/Bird-Of-The-Day>

Tools: HTML & CSS, Python(Flask)

- Utilized Python, HTML, and CSS to create a web application.
- Hosted the web application on a Raspberry Pi using the Flask framework.
- Integrated a feature that periodically displays a bird image and related information on the website, manipulating physical objects such as sensors and motors using the hardware capabilities of the Raspberry Pi.
- Constructed a user-friendly interface that provides users with data on various bird species, enhancing knowledge and comprehension of avian species.

Various initiatives(<https://github.com/UBakaliya>): Accessible via my GitHub page.