

Kashav Piya

Rock Island, IL | Phone 309-350-9068 | kashavpiya23@gmail.com | www.linkedin.com/in/kashavpiya

EDUCATION

Augustana College

Rock Island, IL

Bachelor of Arts in Computer Science and Data Analytics

Graduation Date: May 2023

WORK EXPERIENCE

EDGE Center

Rock Island, IL

Web Development Intern

May 2021 - Aug 2021

- Led the development of websites for clients, using HTML, CSS, PHP and JavaScript.
- Managed updates for 50+ websites while also creating new websites from scratch for various clients.
- Proven track record of producing high-quality, user-friendly websites that consistently rank highly on search engines.

EDGE Center

Rock Island, IL

Project Manager

Aug 2021 - Jan 2022

- Led and oversaw the development of successful internship program, which trained and mentored over 20 interns in various web development skills.
- Efficiently managed website development projects by communicating regularly with clients about technical aspects of the process in a non-technical manner, ensuring a smooth overall experience. Maintained constant communication with clients throughout the duration of the project to ensure a high level of satisfaction.
- Demonstrated expert knowledge of web development tools and techniques by conducting weekly training sessions for fellow employees.

Computer Science Department, Augustana College

Rock Island, IL

Tutor and Research Assistant

Feb 2020 - Present

- Successfully taught computer science concepts to a wide range of students with varying levels of computer knowledge.
- Analyzed the current state of healthcare technology and identified opportunities for improvement. Conducted research to determine the feasibility of various IoT devices and platforms in healthcare.
- Assessed the viability of Virtual Reality in the Gaming Industry and presented the relationship between popular games, genres, and its availability in VR.

PROJECT EXPERIENCE

Indie Games

Remote

Mav's Adventure

Feb 2022 - Present

- Learned Unity and C# by creating 2D games including Monster Chase and Park the Car.
- Designed and coded a 2D runner game on Unity, titled "Pet's Adventure". Included designing interactive elements, addictive gameplay mechanics, and challenges to engaging player base.

EDGE Center

Rock Island, IL

Website Design and Development

May 2021 - Jan 2022

- Developed websites for the City of Goose Lake and Star Flower Clinic using a variety of programming languages including HTML, CSS, and JavaScript.
- Created responsive website designs that adapt to various screen sizes and devices.
- Optimized website speed and performance by reducing code bloat and implementing caching techniques.

Data Science Project

Rock Island, IL

- Used multiple logistic regression to identify which applicant characteristics are the strongest predictors of loan approval using RStudio.
- Analyzed the results of the regression and learned that applicant income, number of dependents, marital status, and credit history are the characteristics that can best predict if a loan is going to be approved for an applicant. The regression had an R2 score of 0.79.

Computer Science Senior Capstone**Rock Island, IL***Softball Sign Prediction and Voice Assistant**Jan 2022 - May 2022*

- Used recurring neural networks to predict what signs given by third base coach meant. The algorithm had an accuracy of 0.85.
- Created a personal voice assistant with basic functionalities as well as others which included web scrapping for information, interacting with JSON files and so on.

Algorithms Project**Rock Island, IL***Sorting Algorithm Visualizer**Aug 2021 - Nov 2022*

- Learned various sorting algorithms and implemented them in Python. Used Tkinter to visualize how each sorting algorithms worked under the hood to help students better understand the algorithms. This helped me think critically and helped students retain the information better.

LEADERSHIP EXPERIENCE

Augustana College - Residential Life**Rock Island, IL***Resident Advisor**Oct 2020 - Present*

- Worked in teams to make sure the residential halls run smoothly without problems. Promoted diversity, safe environments through programming for residents of Augustana College.

Augustana Esports**Rock Island, IL***Team Captain and In Game Leader**Sep 2021 - Present*

- Led team of 15 in weekly strategy sessions to improve individual and team performance.

SKILLS & INTERESTS

Skills: Python, Java, C#, Unity, R, SQL, Tableau, HTML/CSS, JavaScript, Microsoft Office**Interests:** Sports and Photography