

Andy Allaico

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EDUCATION

Kean University

B.S. Computer Science/M.S. in Computer Information Systems
Minor in Mathematical Science

GPA: 3.411

Related Coursework: Computer & Program I, Computer & Program II, Data Structures, Computer Organization, Programming Language Concept, Operating Systems, Numerical Analysis, Principles of Networking, Software Development with Frameworks, Object Oriented and Design, Analysis of Algorithms, Python Programming, Data Analysis, Information Systems Programming, Computer Architecture, Program World Wide Web Server, Computer Systems

Rutgers University

Bachelor of Science: Major in Computer Science, Minor in Mathematics

GPA: 3.55/4.00 Dean's List - Fall 2021, Spring 2021, Spring 2022

Union, New Jersey

Expected Graduation, May 2025

Newark, New Jersey

September 2020 - December 2023

EXPERIENCE

AI4ALL Ignite -

January 2024 – Present

- Work on an AI portfolio initiative under the mentorship and guidance from AI industry professionals.
- Participated in a student symposium to present and showcase research project outcomes.
- Acquired comprehensive and hands-on training in both career readiness and technical AI skills.

PROJECTS

Logic Lounge - Open-Source Chat Platform For Programmer s-

January 2024 - May 2024

- Developed a dynamic, open-source chat platform to facilitate real-time interaction among programmers.
- Designed an intuitive user interface using HTML, CSS, and JavaScript.
- Implemented server-side logic and data management with PHP and MySQL.
- Collaborated with a team to integrate front-end and back-end components, ensuring a cohesive and functional platform.
- Conducted extensive testing and created detailed documentation to support ongoing development and user onboarding.

Emotion recognition AI -

February 2024 - April 2024

- Collaborated in a team to develop an Artificial Intelligence-based facial recognition system leveraging Computer Vision, Deep Learning, and Supervised Machine Learning techniques.
- Processed inputs consisting of grayscale images and video captures converted into Numpy arrays.
- Employed Convolutional Neural Networks (CNNs) for image classification tasks, aiming to predict and classify human emotions accurately.
- Utilized supervised learning methodologies to train the model, optimizing for Loss and model accuracy metrics.
- Contributed to dataset selection and preprocessing, addressing potential biases and ensuring dataset diversity.

Social Media Advertisement Dataset Creation and Predictive Modeling -

January 2023 - April 2023

- developed a self-made dataset derived from social media advertisements.
- design and implementation of an algorithm using Jupyter Notebook to analyze the dataset.
- Utilized data manipulation and visualization techniques to preprocess and explore the data effectively.
- Employed predictive modeling to anticipate specific advertisement exposure for targeted users.

ACTIVITIES

Garden State LSAMP Scholar, Kean University

January 2024 - Present

- - Engaged in a supportive learning community focused on non-medical STEM fields, collaborating with fellow students to enhance academic and career success.
- - Received guidance from counselors in selecting courses and programs aligned with personal interests and career goals.
- - Attend conferences and networking events within the LSAMP community, expanding professional connections and exploring opportunities for enrichment and employment.
- - Receive stipends for tutoring, study groups, research, and community service initiatives, demonstrating commitment to academic excellence and community engagement.
- - Participated in GRE practice workshops, graduate school preparation assistance, and career development training, preparing for future academic and professional pursuits.

SKILLS

Programming: Python, JavaScript, HTML/CSS, MySQL, Node.js, React.js, Git

Tools: Jupyter Notebooks, VSC, MongoDB