

Vyaas R. Subramanian

(815)-516-9921 * vsubs28@gmail.com

6922 Wicksbury Lane, Rockford IL, 61114

LinkedIn: www.linkedin.com/in/vyaas-subramanian-427468237

Portfolio: vsubs28.wixsite.com/my-site1

EDUCATION

- **Knox College – Galesburg, IL**

- **B.S. Computer Science, Minor in Data Science** (*Sept 2022 – June 2026*)

- **Relevant Coursework:** AI, Machine Learning, Data Science, Algorithm Design, Database Systems

EXPERIENCE

- **UI/UX Intern** (*Part-Time*)

Cultured Collections (*April 2024 – August 2024*)

Designed and prototyped **web pages** using **Figma & Canva**.

Collaborated with a team to improve **user experience and interface design**.

CERTIFICATIONS

- **Google Data Analytics Professional** (*Dec 2024*)
 - **Google Cloud: Introduction to Generative AI** (*Nov 2024*)
 - **ZTM Academy: AI/ML & Data Science Certification** (*Aug 2024*)
 - **ZTM Academy: Python Web Developer Certification** (*May 2024*)
-

PROJECTS

Netflix Recommendation System (*Research Project*)

- Developed an AI-powered recommendation system using **Cosine Similarity, kNN, Naïve Bayes, and Clustering**.
- Achieved **84% accuracy** in user preference predictions.
- Technologies: Python, **Scikit-learn, Pandas, Google API, OMDb API**.

Facial Recognition System (*Solo Project*)

- Built a **face recognition-based attendance system** using OpenCV and **K-Nearest Neighbors (KNN)**.
- Implemented **real-time face detection** using **Haar Cascades**.

Hand Tracking AI (*Solo Project*)

- Developed a **real-time hand detection application** with OpenCV and **MediaPipe**.
- Implemented **landmark visualization** for gesture tracking.

Hollywood Database (*Knox College Project*)

- Designed **SQL queries** for a **500K+ Hollywood database**, analyzing relationships between movies, actors, and directors.
-

SKILLS

Technical Skills

- **Programming:** Python, Java, JavaScript, SQL, C#
- **Tools & Frameworks:** OpenCV, Scikit-learn, Pandas, MediaPipe, Jupyter Notebooks
- **Data Analysis:** Python, SQL, Excel, Google Sheets
- **Web Development & UI/UX:** Figma, Canva, HTML/CSS, GitHub

Soft Skills

- **Communication:** Strong written & verbal skills, active listening
- **Time Management:** Efficient task prioritization & deadline management
- **Self-Motivation:** Independent work ethic, proactive problem-solving
- **Adaptability:** Quick learner, open to new technologies & challenges