

Tarosh Gurramkonda

(609)405-5859 | taroshgurramkonda@gmail.com | [linkedin.com/in/taroshgurramkonda/](https://www.linkedin.com/in/taroshgurramkonda/) | github.com/taroshg

EDUCATION

Rowan University

Bachelors of Computer Science

SKILLS

Programming Languages: Python, JavaScript, PHP, Java, C#, C++, C, Go, Rust

Frameworks: Pytorch, TensorFlow, Pandas, NumPy, OpenCV, Matplotlib, FastAPI, Django, Node.js, React.js, Flask

Developer Tools: Git/GitHub, Docker, Linux/Unix, SQL, Cloud Computing (AWS), Google Collab, Excel, Blender

CERTIFICATIONS

DeepLearning.AI: Deep Learning Specialization Generative Adversarial Networks (GANs) Specialization

Machine Learning in Production

Harvard University: CS50's Introduction to Computer Science CS50's Introduction to Artificial Intelligence

Stanford University: Machine Learning

PERSONAL PROJECTS

Chessboard and Piece Detector

February 2024

- Detects the board and pieces from any angle and any lighting by using **computer vision** techniques and architectures
- Generated synthetic data and fully labeled data using Blender Python

AI Advisor

December 2025

- Takes students' transcript as pdf and advises students'
- developed custom **LLM tools** to fetch relevant course information and prerequisites provided by the university

Book Crunch AI

March 2025

- Generates interactive AI chatbot for all the characters from any given novel
- The application uses a locally run **LLM** and latest **RAG** techniques to adapt to character's personality

WORK EXPERIENCE

Data Science - Student Researcher

September 2022 – Dec 2025

Rowan University

Glassboro, NJ

- Research about the attention span between longer and shorter videos
- Collection of data through the **YouTube API** and Looker Studio
- Processing and cleaning large data in **Pandas** for various statistical testing

Data and Automation - Asset Management

July 2024 – Jan 2026

Information, Resources and Technology at Rowan University

Glassboro, NJ

- **Automated** asset validation workflows using **Excel formulas**
- Created a **Python API that scrapes device specifications** for large batches of serial numbers
- Worked with a team to prepare outdated devices for resale

Data Analyst and Digital Marketing

March 2022 – June 2024

Kaplan Immigration

Philadelphia, PA

- Redesigned an old website with better **UI/UX** principles, with quick calls to action.
- Increased website traffic with **Search Engine Optimization**
- Developed marketing strategies to reach the targeted audience.
- Researched target audience and filtered specific keywords and topics

Full Stack Web Developer

March 2022 – Sep 2022

Free Village School

Pakistan

- Developed a website in **Node.js** with **React.js** using **TypeScript**
- Implemented interactive functions like photo slides, interactive 3d model of the school using JavaScript
- Managed website hosting and configured the domain name servers

LEADERSHIP EXPERIENCE

Chess Club President

January 2024 – May 2025

Rowan University

Glassboro, NJ

- Organized events and meetings for the chess club that significantly increased members
- Scouted and recruited board members for the chess club.

Lead Game Developer

June 2017 – December 2019

Pointless Game Company

Swedesboro, NJ

- Trained and directed a indie game develop team, which consisted of developers and 3d modelers
- Released a successful game with 1000+ downloads