

Evan Franco

347-755-7702 | Valley Stream, NY | [linkedin.com/in/evanfranco](https://www.linkedin.com/in/evanfranco) | efranco0514@gmail.com | evanfranco.github.io

SKILLS

Languages: Python, C, C++, C#, JavaScript, Dart, React, HTML, CSS

Technologies: MongoDB, Supabase/Firebase, Unity, Flutter, Git/GitHub, Android Studio, Virtual Machine, TensorFlow, Scikit-learn

EDUCATION

University of Connecticut

Storrs, CT

Bachelor of Science in Computer Science, Concentration: Computational Data Analytics

Expected Grad May 2026

Relevant Classwork: AI, Big Data Analytics, Data Structures and OOP, Algorithms, Systems Programing, Cyber Security, Computer Architecture

EXPERIENCE

Software Developer Club - President, Storrs, CT

May 2024 - Present

- Lead **30+ students** who are interested in front-end and back-end development.
- Manage, contribute, and collaborate on **full stack projects** with other software engineers.
- Host workshops for over **30+ students** and give live demos style lectures that teach **API requests**, AI integration for apps, game development, **git control**, AR development and how to host personal websites.

PROJECTS

UConn Laundry, Storrs, CT

August 2024 - Present

Technologies: React, Firebase, Raspberry Pi Pico Sensors, Python, SQL

- Built **website/app** to track laundry for University of Connecticut using **Raspberry Pi Pico Sensors**.
- **Firebase Database** stores laundry machine information, user information, building information and using **SQL**.
- **Python** used to relay the information from **Pico Sensors** over to the database utilizing different handmade functions.

Pacman Reinforcement Learning, Storrs, CT

March 2024 - Present

Technologies: Unity, C#, Python

- Recreated Pacman in **Unity Game** engine using game scripts written in **C#** in conjunction with game objects.
- Created Ghost AI by creating a **graph algorithm** where the Ghost's behavior changes based on their interactions with nodes and time passed on the board.
- Creating a **Reinforcement learning model** by modifying **Unity's ML model**. Modifying **python's** built-in fitness function to better suit the parameters surrounding the environment.

Candid, Dating App, Remote

June 2024 - August 2024

Languages: Dart, Technologies: Flutter, Firebase, Android Studio

- Dating app startup built using **Flutter** and **Firebase**. Combined both BeReal and Tinder.
- Integrated **2-Factor Authentication** using **Flutter's API** call to **Firebase Authentication** allowed users to create accounts by using their phone number.
- Structured a dataset with users having a unique **Firebase ID**, linking their username and the phone number in our database in a secure storage system.

Helper Discord Bot, Storrs, CT

January 2024 - January 2024

Technologies: JavaScript, Node.js, Discord.js, MongoDB

- Using a **Node.js** environment and used **Discord API** to query a wiki database for item lookups.
- Configured a three-node **MongoDB** replica set for high availability, ensuring data durability and bot operation in case of server failures.
- Deployed the bot to a **cloud-hosted infrastructure** without the need for local hosting; Used across 5+ servers,
- Bot calls **parallel read operations** across multiple **MongoDB** servers to fetch data to ensure no latency.

Real-Time Object Classification System, Storrs, CT

October 2024 - October 2024

Technologies: Python, OpenCV, TensorFlow

- Extracts bounding boxes, object labels, and confidence scores for detected objects, then rendered onto the camera.
- An **OpenCV computer vision** program written in **python** that detects and classifies objects from a live camera feed.

LEADERSHIP EXPERIENCE

University Residential Assistant, Storrs, CT

August 2024 - Present

- Manage **40 residents**, teaching them how to navigate the first year of university life. Trained in handling demanding situations that require both emotional and intellectual strength.
- Chosen from a pool of over **1000+ applicants** where only **<100 new RAs** are chosen. Hand selected due to exceptional leadership qualities, emotional intelligence, and ability to work under pressure.