

Evan Franco

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SKILLS

Languages: *Proficient* Python(3yrs) · JavaScript(2yrs) *Intermediate* C(2yr) · Dart(1yr) *Beginner* SQL(1yr)

Software: MongoDB · Supabase/Firebase · Flutter · JupyterNotebook · Git · Scikit-learn · Keras · Flutter · Android Studio

PROJECTS

UConn Laundry App | Team Project

August 2024 - Present

- Developed a full stack React app using Raspberry Pi Picos and Python to track laundry machine usage via vibration.
- Configured a Firebase Database in SQL that stores laundry machine information, user, and building location.
- Received funding from the University of Connecticut to implement project due to innovative nature.

Clothing Type Predictor | Personal Project

October 2024 - November 2024

- Created a sequential neural network (MLP) that was trained on Fashion-MNIST and PCA-reduced data in python.
- Optimized hyperparameters of neural network on reduced data using RandomizedSearchCV for higher accuracy.

Computer Vision Predictor | Personal Project

October 2024 - October 2024

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

Letter Recognition Model | Personal Project

September 2024- September 2024

- Developed a letter recognition model using a dataset of 20K+ distorted character images in JupyterNotebook.
- Created a solution with multiple classifiers (RandomForest, MLP, and SVM) then employed ensemble methods (hard & soft voting, stacking) to enhance classification accuracy.

Candid Dating App | Startup

June 2024 - August 2024

- Built using Flutter and Firebase. Combined both BeReal and Tinder as a concept, awaiting approval from App Store.
- Integrated 2FA via Firebase API and Firebase Authentication, allowed users to create accounts with phone numbers.
- Configured a database that attaches each user to a unique Firebase ID, linking their username and the phone number.

Discord Bot | Used in 5+ Discord Servers

January 2024 - January 2024

- Created a Node.js program that used Discord API to query a wiki database for item lookups for hit game: Terraria.
- Implemented parallel read operations across a three-node replica set in MongoDB to ensure zero to latency.

LEADERSHIP EXPERIENCE

Software Developer Club | President, Storrs, CT

May 2024 - Present

- Spearhead **30+ students** who are interested in front-end and back-end development.
- Manage, contribute, and collaborate on **full stack projects** with other experienced 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.

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.
- Selected from a pool of over **1000+ applicants** where only less than **100 new RAs** are chosen. Hand selected due to exceptional leadership qualities, emotional intelligence, and ability to work under pressure.

EDUCATION

University of Connecticut

Storrs, CT

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

Expected Grad May 2026

Relevant Coursework: Machine Learning, AI, Big Data Analytics, Data Structures, OOP, Algorithms, Systems Programing

ACTIVITES

Werth Innovation Expo Host | Invited to promote STEM/technology to 210+ students, due to innovative knowledge.

HackUConn Workshop Host | Taught an API workshop during HackUConn to 30+ advanced UConn CS students.

Garden Volunteer | Taught elementary school students about preservation of monarch butterflies and planted native wildlife.

NYS Blood Donar | Donate blood to those who are less fortunate and in need of clean blood.