

# Evan Franco

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## SUMMARY

- Experienced in software development, and machine learning, with a strong passion for computing large datasets.
- Completed Projects utilizing Neural Networks, Big Data, MLP models, Classifiers, and Machine Learning
- Pursuing a degree in Computer Science with a concentration in Computational Data Analytics, expected May 2026

## SKILLS

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

**Software:** TensorFlow · JupyterNotebook · Scikit-learn · Keras · Git/GitHub · Supabase/Firebase · MongoDB

## PROJECTS

### Letter Recognition Model | Personal Project

September 2024- September 2024

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

### Male/Female Classifier | Personal Project

September 2024-October 2024

- Trained ConvNets in classifying male and female celebrities on the CelebA dataset and achieved 94%+ accuracy.
- Utilized VGG16 convolutional base by leveraging ImageNet dataset, fine-tuned its dense layers for transfer learning.

### Clothing Type Predictor | Personal Project

October 2024-Novemeber 2024

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

### IMDB Review Sorter | Personal Project

November 2024-December 2024

- Built a sentiment IMDB classifier that sorts each review into a positive or negative review using GloVe embeddings.
- Combined LSTM and Conv1D layers, achieving over 90% accuracy with fine-tuned dense layers.

### Computer Vision Predictor | Personal Project

October 2024 – October 2024

- An OpenCV computer vision 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.

## 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 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.
- 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.

## 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 learn about preservation of monarch butterflies and native wildlife