



EXPERIENCE

PopID *Computer Vision Engineer*

- Deployed new biometric recognition technology to eliminate physical contact with the terminal.
- Tested drive-thru liveness software resulting in 57% increase in successful facial matching performance.
- Built backend APIs used by partners to integrate PopID biometric payments platform into retail stores.
- Led team during 4-month Steak n' Shake pilot, increasing daily transactions from 5 to 50/day.

EDUCATION

The University of Central Florida *M.S. in Computer Vision | GPA 3.7*

- Top Courses Advanced Computer Vision, Medical Imaging, 3D Computer Vision, Advanced AI
- Dean's List All Semesters

The University of Central Florida *B.S. in Computer Science | GPA 3.5 | Core CS GPA 3.9*

- Top Courses AI, Robot Vision, Machine Learning, Parallel Programming, CS 1 & 2

PROJECTS

Live Hand Gesture Recognition *Kotlin, Python, Chaquopy*

Developed a Hand Gesture Recognition system for POS system, enhancing drive-thru interaction with touch-free tipping.

- Engineered a robust ML pipeline to accurately classify 5 unique hand gestures, resilient to changing environmental factors.
- Integrated Python-based ML algorithms into Android application for seamless deployment to existing POS devices.

Credit Card Fraud Detection *Python*

Architected machine learning pipeline that efficiently detects fraud using real European consumer credit card data.

- Stabilized model using regularization to achieve 98% separation of fraudulent and non-fraudulent data.
- Balanced dataset of 300,000 credit card transactions by artificially creating more fraudulent data using SMOTE.

EasyMeshVR *C#, Unity, NodeJS, AWS*

Developed multiplayer VR application that allows users to collaboratively edit 3D models.

- Managed 5-person team in building mesh-editing, multiplayer, and web architecture to launch application in 6-month period.
- Implemented UI that eliminated motion sickness in users by communicating mesh state through colors.

Portfolio Website *HTML, CSS, JavaScript*

The website not only showcases my top projects in depth but also offers a deeper glimpse into my professional identity.

- Designed and implemented a visually engaging portfolio website from the ground up, enhancing my skills in UX design.

LEADERSHIP

Alpha Epsilon Pi Fraternity *Executive Board*

- Entrusted by 100-member chapter to serve on executive board, lead new members, and plan events.
- Managed committee that transitioned 37 new members into the fraternity over two-semester period.
- Streamlined new member program framework for successors to use in creating their own schedules.

LANGUAGES

Programming

Python	●	●	●	●	●	●
Java	●	●	●	●	●	●
Html & CSS	●	●	●	●	●	●
C#	●	●	●	●	●	●
SQL	●	●	●	●	●	●
JavaScript	●	●	●	●	●	●

Conventional

English	●	●	●	●	●	●
Hebrew	●	●	●	●	●	●

SKILLS

Development Experience

Leading programming teams, following Agile development principles, and public speaking.

Python

Building predictive models and neural networks for classifying large datasets.

Java

Dynamic/recursive algorithms, complex data structures, and object-oriented design.

Industry Tools

OpenCV, PyTorch, TensorFlow, Unity, MongoDB, Kotlin, Figma, NumPy, and Pandas.