

Konstantinos Sazos

Glassboro, NJ | (856) 526 0822 | konstantinossazos@gmail.com | [LinkedIn/konsazos](https://www.linkedin.com/in/konsazos) | [Portfolio](#)

EDUCATION

Rowan University

Bachelor of Science, Computer Science – GPA 3.96/4.00
Accelerated Dual Degree Program in Computer Science (4+1)
Concentration in Artificial Intelligence
Honors: President's Scholars of Excellence Honor (Fall 2024, Spring 2025)
Dean's List Honor (Fall 2023, Spring 2024, Fall 2025)

Glassboro, NJ
Sep 2023 - May 2027

RESEARCH

Rowan Computer Science Research Assistant

Feb 2026 - Present

Machine Learning for Real Estate Valuation

Investigated LLM-assisted real estate valuation using market reports, examining the alignment of report-derived information with housing datasets. Current research evaluates amenity accessibility as a predictor of house prices using property-level amenity scoring and category-specific spatial bandwidth optimization.

PROJECTS

Real-Time Computer Vision Gesture Recognition System – (Python, OpenCV, NumPy, MediaPipe)

Mar 2026

- Implemented custom gesture-recognition logic for multiple hand poses, finger positions, and hand-to-hand interactions to trigger distinct visual effects.
- Built state-based activation logic for complex multi-step actions using timers and event flags.
- Created animated visual effects, including energy orbs, explosions, beams, screen shake, aura particles, and PNG overlays aligned to facial landmarks.

Cats vs Dogs Image Classifier — (Python, TensorFlow, Keras, OpenCV, Pillow, CNN)

Jan 2026

- Designed a CNN with convolutional layers, pooling, dropout regularization, and dense layers to improve generalization.
- Implemented data augmentation (rotation, translation, zoom, shear, flipping) to increase dataset diversity and reduce overfitting.
- Achieved ~85% training accuracy and ~84.6% validation accuracy on unseen images.
- Exported the trained model and developed a GUI application that allows users to upload an image and receive real-time predictions.

ACTIVITIES & INVOLVEMENT

Phi Kappa Psi Fraternity – New Kersey Epsilon Chapter

Spring 2024 - Present

Member

- Participated in community service initiatives, philanthropic fundraising, and chapter events.
- Served as Assistant Educator and held chapter roles in recruitment, health and wellness, interfraternity relations, membership, and social programming.

Association for Computing Machinery (ACM), Rowan University – Active Member

Fall 2023 - Present

ADDITIONAL SKILLS & INFORMATION

- Bilingual - Greek (Native), English (Fluent)
- Technical Skills - Java, C++, Python, HTML | TensorFlow, Keras, OpenCV, NumPy, MediaPipe, Git, Unix Shell, Eclipse, VS Code, BlueJ, CodeBlocks, Microsoft Office
- Soft Skills - Collaboration, Analytical Thinking, Adaptability, Technical Communication
- Army Service - Cyprus, National Guard - Branch: Armored Vehicles | Developed strong teamwork and task execution discipline in fast-paced, high-responsibility environments.