

Argishti Manasyan

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Education

University of California, Berkeley – B.S. Electrical Engineering and Computer Sciences (EECS) Expected 2028
GPA: 4.0/4.0

Relevant Coursework: Data Structures and Algorithms, Linear Algebra, Discrete Mathematics, Probability

Experience

Software Engineer Intern, TerryTechLLC Sept 2025 – Dec 2025

- Automated batch evaluation preparation by developing Python scripts that parsed prompt/response datasets and generated structured CSV files, reducing manual preparation time by 80%.
- Identified and reproduced software defects, validated bug fixes, and documented edge cases to improve release quality across iOS and Android applications.

Lead Engineering Intern, GoBabyGo Feb 2025 – May 2025

- Led a five-person engineering team to design, prototype, and deliver a customized accessible ride-on vehicle for a child with disabilities through the national GoBabyGo program.
- Engineered and tested customized electrical controls, structural modifications, and safety features designed around the recipient's mobility needs.

Projects

Glendale College Honors Credit Tracking System

- Developed a production web application for Glendale Community College's Honors Program using Google Apps Script, JavaScript, HTML/CSS, and Google Sheets to replace manual honors credit tracking.
- Designed and deployed automated attendance, credit submission, and administrative workflows supporting 341 students and program staff through real-time synchronization.
- Reduced honors credit reporting time by 6x by eliminating manual submissions while improving data accuracy and administrative efficiency.

Hand-Drawn Image Classifier

- Designed and trained a convolutional neural network in PyTorch achieving 83% test accuracy on 100,000 images from Google's Quick, Draw! dataset across 10 object categories.
- Developed a web application with JavaScript and FastAPI that implements the CNN and allows users to draw sketches in the browser and receive real-time prediction confidence scores.
- Deployed the inference API on Render and integrated it into a personal portfolio website through REST API requests.

Skills

Languages: Python, JavaScript, TypeScript, SQL, HTML/CSS, MATLAB

Frameworks & Libraries: React, Next.js, Node.js, FastAPI, PyTorch, scikit-learn, NumPy, Pandas

Tools: Git, Docker, GitHub Actions, PostgreSQL, MongoDB

Awards & Honors

- Jack Kent Cooke Scholarship Semifinalist (2026) – Selected as a national semifinalist from more than 1,300 applicants nationwide.
- UCLA Samueli School of Engineering Scholarship (2026) – Highly competitive merit-based scholarship awarded for academic excellence.
- AMATYC Mathematics Competition (2026) – 2nd Place in the nationwide collegiate mathematics competition.