




ARTYOM SAPA

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 artysapa.github.io/portfolio/

Education

University of California, Los Angeles (UCLA)

Jun 2025

B.S. in Computer Science and Engineering; GPA: 3.9

Los Angeles, CA

Coursework: Software Construction, Computer Networks, Artificial Intelligence, Computer Architecture, Operating Systems, Linear Algebra, Programming Languages, Algorithms and Complexity

Activities: ACM.Hack, Upsilon Pi Epsilon, X1 Robotics, Cobble, ACM.icpc, RSSA

Work Experience

Manerai

Jan 2025 – Present

Software Engineer Intern | C#, TypeScript, Python

Remote

- Designed and tested VR game prototypes in Unity and C#, developing AI-driven NPC behaviors.
- Analyzed player behavior data with Python to enhance AI algorithms for personalization and NPC development.
- Developed an AI-powered automation tool for Git workflows, integrating it into the GitLab interface using TypeScript.

Lavner Education

Jun 2023 – Aug 2023

IT Intern | Python, Java, C++

Los Angeles, CA

- Coordinated with fellow interns to engineer tech solutions for over 150 students and 20 staff.
- Deployed, managed, and repaired several hundred Windows laptops throughout the summer.
- Instructed and impassioned high-profile students about the potential of computer science and related fields.

Desco Industries

Jun 2022 – Aug 2022

Software Engineer Intern | JavaScript, Python, SQL

Chino, CA

- Developed and deployed an automated Windows update system using Python, SQL, LanSweeper, and group policies, reducing manual effort by 5 hours weekly.
- Improved user satisfaction by 35% with 20+ new interface features in a web-based internal code editor.
- Reduced deployment time by 25% by optimizing queries in SQL & VBA code.

Projects

Share3D | *React.js, Redux, MongoDB, Three.js*

3d-project-sable.vercel.app

- Built a dynamic full-stack web application for the community to share and download 3D models.
- Implemented interactivity with 3D models using WebGL and made it responsive using tailwindCSS.
- Leveraged MongoDB data indexing to ensure the response time of fetching GLTF/STL data within 1 second.

Customer Churn Prediction | *Python, Flask, Postgres, React.js*

Github

- Developed a machine learning model to predict customer churn reasons using RandomForest and KNN classifiers.
- Achieved 92.9% accuracy on the training data and 87.1% accuracy on the test data.
- Enabled Excel/CSV uploads with Pandas for automated parsing, cleaning, and rapid analysis.
- Integrated the model into a Flask web app, delivering real-time results via a React front-end.

Campus Involvement

Cobble at UCLA

Mar 2024 - Present

Tech Lead | Svelte, Postgres

- Implemented a new marketplace feature on the club website by adding a dedicated table to the existing PostgreSQL database and integrating it with the Svelte frontend.

Technical Skills

Languages: JavaScript, TypeScript, C++, Python, Java, Go, HTML5, CSS, SQL, Haskell

Technologies: React.js, Next.js, Linux, Redux, Svelte, Postgres, Node.js, TensorFlow, AWS, Docker, Git, CI/CD, GraphQL