ADAM SHAW

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PROFESSIONAL SUMMARY

Highly motivated incoming third-year undergraduate at the University of Southern California, studying Applied Mathematics with a minor in Computer Science. Proficient in backend technologies such as C++ and Python, as well as front-end languages including JavaScript, with a strong background in object-oriented programming and developing efficient algorithms for various applications. Aspiring machine learning engineer, with experience in PyTorch, Scikit-learn, Pandas, and NumPy.

SKILLS

- Python
- PyTorch
- NumPy
- C++
- Scikit-learn
- Probability & Statistics
- JavaScript
- Pandas
- Optimization

EDUCATION

B.S., Applied Mathematics; Computer Science Minor   Expected to Graduate May 2027
University of Southern California, Los Angeles, CA
Cumulative GPA: 3.7/4.0

EXPERIENCE

Associate Software Developer Intern   May 2025 - August 2025
Google | New York, NY

- Joined the Workspace AI Platform team, which integrates Gemini into products such as Google Docs, Slides, and Gmail
- Streamlined the creation of custom Gems (personalized versions of Gemini) for internal use and sharing with teams
- Developed a flexible access control system, allowing creators to specify user access (individual or team-based) to these Gems
- Navigated the largest monorepo in the world, using C++ and an internal server framework to deliver the correct Gems to users based on their client application and access permissions
- Wrote complex but efficient unit tests to ensure the correctness and reliability of new features

Software Engineering Intern   May 2024 - August 2024
Rollick | Chicago, IL

- Developed modular HTML templates using Nunjucks and incorporated React and jQuery within JavaScript to add dynamic functionality and interactivity to web pages
- Implemented polyfills using Core-js to ensure multi-browser compatibility for Promises, which were essential for API calls to update website inventory, resolving issues encountered in legacy platforms, specifically Internet Explorer
- Used KanPlan agile framework built into Jira to more efficiently plan, test, and integrate features, as well as identify and squash bugs