

Sunil M. Rosen

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EDUCATION

Georgetown University

B.S Computer Science • B.A Economics • 3.9/4.0 GPA

DIS Study Abroad Copenhagen • Concentration in Artificial Intelligence

Washington, D.C.

August 2022 – May 2026

August 2024 – December 2024

WORK EXPERIENCE

AlphaSights

New York, NY

Incoming Client Services Intern

- Identify and reach out to relevant industry professionals across sectors to connect clients with the insightful expertise
- Gather and synthesize data from expert interviews and surveys to help clients make informed strategic decisions

Students of Georgetown Inc. (The Corp)

Washington, D.C

Chief Executive Officer and President

January 2025 – Present

- Lead The Corp, the world's largest student-run nonprofit, overseeing 7 retail businesses and 4 internal departments generating \$5M+ in annual revenue and employing 330+ student staff
- Manage a 17-person executive team across operations, finance, HR, and marketing, driving strategic decisions to improve profitability, efficiency, and professional development
- Increased average profit margins by 11% through repricing strategy and reduced costs by \$50K through operational restructuring and workforce optimization
- Directed over \$100K in philanthropic contributions and initiatives, while generating \$1M+ in student wages and reinforcing The Corp's mission of social impact

Director of Purchasing, Vital Vittles

March 2023 – March 2024

Acquia

Boston, MA

Software Engineering Intern

June 2024 – August 2024

- Optimized Kubernetes rollout tooling for Acquia Cloud Next, a cloud hosting platform, improving scalability for high-traffic clients running 100+ pods per environment
- Cut infrastructure costs by removing outdated Apache monitoring for specific users, reducing production usage by 142 vCPUs and 830GB of memory
- Built an API-based autoscaling solution that reduced engineering toil, enabled seamless environment upsizing, and supported future product expansion within an agile, cross-functional team

Hoya Developers

Washington, D.C

Software Engineering Intern (1 of 50 inaugural members)

August 2023 – Present

- Created a user-friendly website for Map Collective, a project focused on using AI-driven data to track intricate geographical emissions data throughout supply chains
- Designed and implemented over 10 modern toolkits and interactive dashboards using Figma, JavaScript, and React
- Attended and lead various educational lectures about front-end and back-end platforms and languages

RECENT TECHNICAL PROJECT

WikiNews Search Engine

October 2024

- Built an AI-powered search tool using Retrieval-Augmented Generation (RAG) to combine Wikipedia and real-time news, delivering accurate and context-rich answers with LLMs (Large Language Models)
- Designed a system to retrieve and rank relevant information from both static and live sources, enhancing the reliability and depth of query responses
- Deployed a lightweight LLM to improve speed, optimizing for performance while maintaining high-quality, context-aware outputs

CERTIFICATIONS/AWARDS

George F. Baker Scholar – Georgetown University: Selected as 1 of 9 students annually for exceptional academic performance and leadership potential, with an emphasis on applying technology and data-driven solutions to business and societal challenges

Amazon Web Services Certified Developer Associate: Demonstrated expertise in developing, deploying, and debugging cloud-based applications using Amazon Web Services, leveraging key services such as AWS Lambda, DynamoDB, and API Gateway

SKILLS/INTERESTS

Programming Languages: C++, Python, HTML, CSS, Git

Python Packages: Pandas, Numpy, BeautifulSoup, TensorFlow

Cloud Infrastructure: Kubernetes, Docker, Amazon Web Services (AWS)

Interests: Basketball (Georgetown Club Basketball Team), Dining (ranked ~600 restaurants), Traveling, Chess, Skiing, Cooking