

Suzal Regmi

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Education

Georgia State University - Honors

Bachelor of Science in Computer Science

Honors: Generation Google Scholar (2023), NCR Scholar (2024)

Atlanta, GA

GPA: 4.0

Experience

Paramount

Software Engineer Intern

Atlanta, GA

Aug. 2023 – Present

- Engineered the company's first REST API, connected to a PostgreSQL database, to efficiently store and retrieve critical information, greatly enhancing data accessibility and utilization
- Developed multiple web assessments and a computer diagnostics application using Python, automating the update of assessment results in Bullhorn via API integration which significantly reduced manual verification time
- Conducted extensive data parsing and analysis on over **900,000 candidate profiles**, performing data cleaning and providing actionable insights to drive business decisions
- Spearheaded the development and deployment of Dockerized applications on our Azure server, ensuring robust, scalable, and efficient operations

Georgia State University

Research Assistant - ARCTIC

Atlanta, GA

Jan. 2025 – Present

- Collaborate with interdisciplinary researchers to optimize AI, ML, and data science workflows, providing technical consulting on advanced cyberinfrastructure resources such as HPC clusters, cloud platforms, and containerized environments
- Design and deploy customized AI and ML workflows, support Kubernetes-based workloads and diverse storage solutions to empower the research community

Learning Environment Support Technician - IIT

Mar. 2023 – Jan. 2025

- Coordinated availability, installation, maintenance, and repair of IT/AV-enabled devices in collaborative spaces throughout the Atlanta campus
- Documented and provided technical support using the ServiceNow ticketing system, resolving more than **150 tickets** and promptly addressing issues to minimize downtime and disruptions

Projects

aurora | *Python*

June 2024 - Present

- Developing a website that utilizes OpenAI CLIP to mathematically identify the most aesthetically pleasing frames from videos or groups of images

dotFiles | *Bash, Lua, Haskell, Python*

Jan. 2023 - Present

- Configuring Linux dot files to enhance productivity and customize window managers, demonstrating proficiency in personalizing user interfaces

Hackathons

Transitify | UGAHacks - Feb. 2023: Developed an Android app in Flutter leveraging Google Maps API and MARTA API to promote efficient, green commuting through route planning and real-time tracking

LeadLess | Hacklytics - Feb. 2023: Analyzed datasets on the impact of lead emissions' and built a website to raise awareness about lead poisoning

UniHome | HackATL - Nov. 2022: Developed a business prototype related to student apartment subleasing, including end to end design using Figma, HTML/CSS and PHP/MySQL

Skills

Programming Languages: Python, Bash

Developer Tools: Linux, Git, REST APIs, Docker, Kubernetes, Azure, DBeaver, PostgreSQL, llama.cpp

Technical Experience: Google Software Engineering Program (G-SWEP) via Basta