

# Suzal Regmi

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## EDUCATION

**Georgia State University | Atlanta, GA**

Expected - May 2025

*Bachelor of Science in Computer Science*

*GPA: 4.0*

## EXPERIENCE

**Georgia State University**

Atlanta, GA

*Learning Environment Support Technician*

*Mar. 2023 – Present*

- Coordinate availability, installation, maintenance, and repair of IT/AV enabled devices in collaborative spaces
- Document and provide technical support using the ServiceNow ticketing system while promptly addressing and resolving issues to minimize downtime and disruptions

*Department Technology Assistant*

*Sep. 2022 – Feb. 2023*

- Transferred 150GB of research data securely from an FTP server in Japan using a Linux system with Shorewall to block unauthorized access; detected and prevented two attempted intrusions
- Developed a Python tool that reads and stores serial numbers and information of hard drives ready to be surplusd resulting in about 300% increase in time efficiency compared to the manual approach
- Supported 3 computer labs; set up and imaged systems to support 50+ graduate students and 20 faculty/staff
- Managed virtualized environments, including Linux, VMware, and Windows Server in university machines

## HACKATHONS

Transitify - **UGAHacks** | *Flutter, Dart, Andriod Studio, REST APIs*

Feb. 2023

- Created an Android app in Flutter that helps users find faster and more convenient ways of getting around while promoting green energy
- Implemented features such as route planning, real-time tracking, and integration with public transportation schedules using APIs from Google Maps and MARTA
- Optimized the app for low-latency and high-availability, ensuring a smooth experience for users

LeadLess - **Hacklytics** | *Python (Mathplotlib, Pandas, Folium, Geopy)*

Feb. 2023

- Collected various datasets and performed data analysis and data visualization on metrics related to lead emissions and health
- Built a website to increase awareness about the harmful effects of lead and the risks associated with lead poisoning

UniHome - **HackATL** | *HTML, CSS, PHP, MySQL*

Nov. 2022

- Assembled a business prototype about student apartment subleasing in 48 hours and pitched it to judges, angel investors, and venture capitalists
- Executed end to end design using Figma, HTML/CSS and PHP/MySQL, which also implemented the k-Nearest Neighbours Algorithm for roommate matching

## PROJECTS

dotFiles | *Bash, Lua*

Jan. 2023

- Wrote, edited, and configured Linux dot files, establishing proficiency in Bash for increased productivity and Lua for customizing the Awesome Window Manager
- Demonstrated ability to improve system efficiency and personalize user interface through the use of dotfile configuration in a Linux environment

Twitter Bot | *Python (Requests), REST APIs, JSON, Linux*

Sep. 2022

- The final project for Harvard's Introduction to Programming with Python
- Created a Python bot that scrapes the Astronomy Picture of the Day using NASA's APOD API and posts them to Twitter using the requests library
- Automated the bot to post every new Astronomy Picture of the Day using a Linux server

## SKILLS

**Programming Languages:** Python, Bash, Lua, HTML, CSS, JavaScript, Dart

**Developer Tools:** Linux, Git, REST APIs, VirtualBox, JSON, Android Studio, Flutter

**Libraries:** Flask, NumPy, Mathplotlib, Pandas