

Hamza Hussnain Shah

hamzashah.dev

Education

University Of San Francisco

Aug 2019 - May 2023

- B.A. in Communication Studies, Computer Science
 - Honors Magna Cum Laude: GPA 3.55
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Experience

Monera Capital Group LLC

January, 2024 - Current

System Administrator

Miami, FL

- Spearheaded the redesign of the firm's networking infrastructure, implementing Docker virtualization and AWS cloud technologies, which improved scalability, and decreased operational costs by 30%.
- Discovered critical cybersecurity vulnerabilities within the firm. Took charge of overhauling security protocols, deploying multi-factor authentication and advanced encryption, which eliminated breaches and protected important client and financial data.
- Oversaw the firm's digital assets as Webmaster, optimizing web performance with Cloudflare, AWS, and CDN strategies, resulting in minimal downtime and improving overall site traffic by 25%.

Acoustic Architects

July, 2023 - January, 2024

Logistics Manager

Miami, FL

- Managed over \$3M dollars in inventory with 10K+ unique SKUs while working with Project Managers to give them the resources needed to complete their projects.
- Audited all outgoing work-orders while coordinating with technicians to ensure efficient usage of company resources, lowering the error rate of the warehouse to a single digit percent.
- Responsible for all inbound and outbound logistics to ensure timely and accurate delivery of product to job site.

San Francisco Department of Early Childhood

January, 2023 - June 2023

Research Analyst Intern / Public Relations

San Francisco, CA

- Developed social media calendar to plan rollout over the span of 5 months to help meet campaign goals
 - Worked with PR firm to develop advertisements that were deployed on billboards and buses around the city of San Francisco
 - Developed campaign book that involved media alerts, a large research report, and strategies with tactics to effectively achieve campaign goals, as per evaluation
 - Outlined budget of \$25,000 to roll out advertising and increase enrollment in SFDEC programs
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Projects

Scalable Personalized Cold Email Outreach

- Implemented a tool that scrapes business information from the web using either a website if provided, or Google's API to find more information if not.
- Passes that information to ChatGPT in batches to save costs by 50%, then use the output in cold emails to increase cold email lead reply rate by double-digit percentages.

Road Trip Calculator

- Implemented Dijkstra's algorithm and Google Maps API in order to find the shortest and most efficient route between sports stadiums.
 - Created as Capstone project for CS 245, Data Structures and Algorithms at USFCA.
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Skills

Languages: Python, Java, C/C++, R, SQ, Javascript, Jekyll

Technologies: MongoDB, AWS S3, AWS EBS, AWS Lambda, Azure, Docker, NMAP, Wireshark, Shopify, Cloudflare