

Grace Luka

COMPUTER SCIENCE – BACHELOR'S DEGREE

Specialty in Robotics and Intelligent Systems

Summary

Proficient in Python, C++, Java Programming Languages, as well as the Linux Operating System. Skilled worker with proven ability to perform various tasks, including maintenance, customer service, repair, and special projects.

- TRHS National Honor Society Member (1 year)
- National Honor Society Officer (Treasurer/Service Projects Coordinator - 1 Year)
- Co-leader and Coordinator for the Douglas County School District Diversity and Equity Group
- Manager of the ThunderRidge High School ProStart Culinary Competition team and Colorado ProStart Student of the Year (2022)
- Proficient in video editing software - used OBS Studio to create an online profile over multiple platforms, generating 19,000 followers across TikTok, Twitch, Discord, and Instagram
- Held the Director of Videography and Digital Media in the Marketing Department of the Alpha Phi Iota Zeta chapter at the Colorado School of Mines.
- Current Member of the Association for Computer Machinery Club (ACM)
- Current President of the Association for Computer Machinery – Women in Computing (ACMW)
- Current Member of the Society of Women Engineers (SWE)

Skills

- Python, Java and C++ Programming Languages
- Linux Operating System and Ubuntu VM
- Microsoft Copilot Studio AI
- OpenAI

Contact

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Experience

INFORMATION TECHNOLOGY INTERN – JOHNS MANVILLE

SUMMER 2024

- Utilized Copilot Studio to design and implement an AI chatbot, enhancing customer interaction and support by automating responses and providing real-time assistance.
- Contributed to the IT team by integrating advanced AI technologies, leading to a 25% - 40% of questions asked by customers to be answered using the AI tool located on the homepage of the Johns Manville website
- Used Salesforce, excel, and public websites as knowledge sources to teach the AI tool for better security, accurate and precise answers, and to increase the speed and response time of the tool

VICE PRESIDENT OF MARKETING – ALPHA PHI IOTA ZETA

2022-2024

- Leads, directs and facilitates regular meetings of the marketing department, in conjunction with the marketing advisor.
- Member of the Executive Council and Program Council
- Oversees department budget in excess of \$6,500.
- Analyzed insights and data to tailor specific messaging to various audiences on social media channels and platforms.
- Creates and Manages the chapter's brand ambassador plan, in conjunction with the membership recruitment department, director of social media, and director of merchandising.
- Implements the chapter's paid social media efforts to increase Greek life registration traffic, post awareness and more.

GENAI SEMANTIC SEARCH PROJECT – RICOH FIELD SESSION

FALL 2024

- Currently developing a semantic search algorithm leveraging generative AI to efficiently navigate and retrieve information from large-scale technology databases, enhancing data accessibility and relevance.

Education

COLORADO SCHOOL OF MINES – GOLDEN, CO

2022-2026

- Honor Roll 2022-2024 (3.5 GPA – Major GPA 3.7)

Completed Computer Science Course and Lab 101, Programming Concepts 200, Calculus for Scientists & Engineers (I, II, & III), Principles of Chemistry, Physics I & II, Data Structures & Algorithms, Intro to the Linux Operating System, Software Engineering, Discrete Math, Computer Organization, Intro to Statistics, and Intro to Circuits. Currently enrolled in Advanced Software Engineering, Linear Algebra, Intro to Feedback Control Systems

