

Nikshith Kandula

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EDUCATION

Auburn University

BS in Computer Engineering (GPA: 3.8/4.0)
Minor in Finance (GPA: 4.0/4.0)

Auburn, Alabama

May 2027
May 2027

PROFESSIONAL EXPERIENCE

Alabama Office of Information Technology

Database Administration Intern

Montgomery, Alabama

June 2023 - August 2023

- Migrated criminal reports from Crystal Reports to SQL Server Reporting Service (SSRS) and created new databases for each report.
- Maintained a robust database system using MySQL, creating and optimizing multiple queries to meet client requirements efficiently.
- Utilized Power BI to present data to vendors, enabling data-driven insights for process improvement and enhancing customer communication satisfaction by 20%.

PERSONAL PROJECTS

VEXU Robotics Documentation Lead

Head Notebooker - Typst

Auburn, Alabama

May 2024

- Utilized Typst to create visually compelling and organized documentation for the VEX Robotics notebook, winning the Design Award at the World Championship against 800 different teams, the second highest honor in the competition.

ASME Student Design Competition

Designer + Coder - C++

Auburn, Alabama

March 2024 - April 2024

- Utilized Computer Aided Design Software (CAD) to engineer and fabricate (via 3D Printing) intricate parts of the robot, optimizing durability and performance and ensured that the robot was able to move through the golf course map.
- Programmed advanced control systems, including Proportional-Integral-Derivative algorithms, optimizing motor performance and precise movement, demonstrating strong proficiency in algorithm design and real-time control programming.

Yuuki

Discord Chatbot - Javascript

Montgomery, Alabama

August 2020

- Developed a chatbot, leveraging libraries and APIs to enhance server moderation, automate tasks, and create engaging user experiences.
- Designed error handling, logging, and performance optimization techniques, ensuring reliability, scalability, and efficient resource utilization.

SKILLS & CERTIFICATIONS

Skills: Python • Java • Typst • PowerBI • Microsoft Office (Excel, Powerpoint) • CAD (Inventor)

Certifications: SQL For Data Science | UC Davis • Cybersecurity Foundations | InfoSec •