Robert Blindauer

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EDUCATION

Bachelor of Science, Computer Science　　　　　　　　　　　　　　　　　Fayetteville, AR | May 2022
Minors in Mathematics & Data Analytics
University of Arkansas
Major GPA: 3.74

SKILLS

- Languages: Java, Python, C++, JavaScript, MySQL/SQL
- Web Development: HTML/CSS
- Technology: Git, Automation Anywhere, Tableau, Alteryx, Visual Studio Code, PyCharm, IntelliJ, Microsoft Office
- Languages: Spanish

WORK EXPERIENCE

Phillips 66 | Robotic Process Automation Intern　　　　　　　　　Bartlesville, OK | May 2021 – Aug 2021
- Implemented an automation to save 1300 hours annually for the Lubricants businesses by automating the manual process of updating the material price information in Outline Agreements between Phillips 66 and outside vendors
- Enhanced an existing automation used within U.S. Marketing, generating an additional 70 hours saved annually, that deals with consumer emails about the P66 Mobile Pay App or branded websites
- Created process flow and architecture diagrams, communicated with the business, and wrote design documentations while working within an AGILE Kanban team environment

Rheem Manufacturing | Systems Engineering Intern　　　　　　　Fort Smith, AR | Nov 2020 – Apr 2021
- Designed test scripts in Python to test different HVAC unit functionalities and validate performance
- Remotely monitored 7 different HVAC units operating in the field and collected data from them weekly to be analyzed
- Created dashboards to display and monitor HVAC units to determine unit health and to makes adjustments in the event of unit faults

PROJECTS

National Parks Database | Java　　　　　　　　　　　　　　　　　　　　　　　　　　Jan 2021
- Created a database from the ground up based off a .CSV file of national park information records
- Implemented a basic UI that allowed the user to choose what database to access and then allow them to be able to search for, update, add, and delete records from the database

Super Mario Bros Platform | Java, Python, JavaScript　　　　　　　　　　　　　　　Oct 2020
- Developed a program to recreate the Super Mario Bros video game in different programming languages with varying sprites that all interact differently as the user piloted the program
- Implemented OOP principles to structure a program that allows for a simpler engine and the encapsulation of the required logic to be easily extended for new features

ORGANIZATIONS

Society of Hispanic Professional Engineers | Treasurer　　　　　　　　　　Oct 2019 - Present
- Responsible for accounting for the money received and spent by the organization
- Planned and allocated funds to send 12 SHPE members to the 2020 & 2021 SHPE National Conference

National Action Council for Minorities in Engineering (NACME) | Scholar　　　Aug 2018 - Present
- Recipient of the prestigious NACME scholarship - an award given by a network of leading corporations to recognize excellence of under-represented minorities in engineering and computer science
- Selected to travel to New York City to attend the NACME Career Accelerator in Science & Engineering that offered professional career development and exposure to relevant subject matters

Engineering Career Awareness Program (ECAP) | Fellow　　　　　　　　　　Aug 2018 - Present
- A nationally recognized competitive program designed to promote the success of underrepresented engineering students