JAMES SHULTS

323 Cross Creek Dr, Cranberry Twp, PA 16066
724-841-7866 | jmshults00@gmail.com **|** www.linkedin.com/in/jamesshults

SUMMARY

Computer Science graduate with a passion for solving problems using technical skills. Determined and eager to learn, with a demonstrated ability in data analysis and a strong foundation in software development and testing.

EDUCATION

The Pennsylvania State University August 2019 – May 2023
Bachelor of Science in Computer Science *University Park, PA*
Relevant Coursework: Programming & Computation I & II, Discrete Math, Digital Design, Object-Oriented Programming, Computer Organization & Design, Systems Programming, Data Structures & Algorithms, Operating Systems, Database Management, Technical Writing.

EXPERIENCE

AI Data Rater Specialist May 2024 – Present
Welocalize, Inc. *Remote, US*
- Conducted detailed data analysis on e-commerce data to evaluate the performance of search algorithms, contributing to performance improvements for online platforms.
- Applied analytical frameworks to assess search engine algorithms, providing feedback to enhance user experience.

Search Engine Evaluator December 2023 – May 2024
Telus International *Remote, US*
- Evaluated online queries to support performance enhancement, focusing on improving search engine results.
- Provided recommendations to business teams based on analysis of query performance, leading to improved efficiency and accuracy in search engine algorithms.

Software Test Engineer Intern June 2022 – August 2022
Compunetix, Inc. *Monroeville, PA*
- Conducted software testing and analysis to ensure functionality and optimization, reporting discrepancies and recommending improvements to align with user needs and operational goals.
- Collaborated with cross-functional teams to improve product quality through detailed feedback and technical documentation.

PROJECTS

- **Device Driver in C**: Developed a device driver in C to interface between a virtual application and virtualized hardware, utilizing problem-solving to address system issues and improve functionality.
- **Java Class Scheduling Application:** Built a Java application simulating class scheduling for students, demonstrating strategic thinking in developing features for user management and operational efficiency.
- **Sudoku Solver in Python:** Created a Python algorithm using backtracking techniques to solve Sudoku puzzles efficiently, applying problem-solving frameworks.
- **CPU Scheduling in C:** Developed a C program implementing CPU scheduling policies using pthreads—enhancing operational strategies in computational environments.

SKILLS

Programming Languages: Java, Python, C, SQL, C++
Tools and Technologies: GitHub, Linux, VMWare, Sublime Text, NetBeans, Visual Studio, Windows Forms, GDB, MATLAB, Microsoft Office, AI Tools (PyTorch, TensorFlow)
Networking: Basic TCP/IP knowledge, understanding of networking protocols for real-time system communication
Soft Skills: Strong written and verbal communication, problem-solving, teamwork, quick learning, strategic thinking