

PARKER HENDRY

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PROFESSIONAL SUMMARY

Software Developer with experience in full-stack development, custom application building, and technical support. Proficient in Python, JavaScript, C++, and C# with a strong academic foundation in computer science and mathematics (3.95 GPA). Skilled in developing data visualization solutions, custom web applications, and providing technical support to enhance client experience.

EDUCATION

Bachelor of Science in Computer Science | Winthrop University | Rock Hill, SC

May 2024

- Minor: Mathematics
- GPA: 3.95/4.0 | Honors: Summa Cum Laude
- Achievements: President's List (2x), Dean's List (2x)

Associate of Science in Computer Science | York Technical College | Rock Hill, SC

May 2021

- GPA: 3.97/4.0 | Honors: Magna Cum Laude
- Achievements: Dean's List (4x)

TECHNICAL SKILLS

Programming Languages: Python, C/C++, C#, Java, JavaScript, PHP, HTML/CSS, SQL, MIPS Assembly, x86 Assembly

Frameworks & Libraries: React, Node.js, Express.js, Django, TensorFlow, NumPy, Pandas, WPF

Tools & Technologies: Git, Linux, MongoDB, MySQL, Power BI, Geotab, Excel, Mathematica, Make, Ansible, Slurm

Software Development: Full-stack Development, API Integration, Database Design, UI/UX Implementation

PROFESSIONAL EXPERIENCE

Software Developer | Telematics Solutions Provider | Rock Hill, SC

05/2024 - Present

- Developed custom Geotab add-in web applications using Python, JavaScript, HTML/CSS, improving fleet management efficiency by 30%
- Created automated Excel reports and Power BI dashboards using Geotab's data connector, reducing manual reporting time by 75%

- Provisioned and configured IoT devices including telematics devices, asset trackers, dash cameras, and ELD solutions for 200+ client vehicles
- Resolved technical support tickets with 98% customer satisfaction rating through software troubleshooting and custom configurations
- Collaborated with cross-functional teams to implement client-specific solutions, resulting in 40% increase in platform adoption

AI Training Specialist | DataAnnotationTech | Remote

04/2024 - Present

- Engineered comprehensive training datasets for AI chatbots in Python, Java, JavaScript, SQL, C/C++, improving code generation accuracy by 25%
- Developed 200+ advanced problem sets designed to enhance AI programming capabilities across multiple languages
- Evaluated AI performance metrics and provided detailed feedback, contributing to 35% reduction in code errors
- Implemented structured programming scenarios to ensure comprehensive language understanding in AI models

Software Developer | Catawba Area Agency on Aging | Rock Hill, SC

08/2022 - 05/2023

- Built WPF client management application (Root Works) using C#, XAML, and MySQL, improving data management efficiency by 60%
- Engineered data import/export functionality between the application and Excel spreadsheets, eliminating manual data entry
- Implemented search algorithms and reporting features that reduced information retrieval time by 75%
- Collaborated with stakeholders to gather requirements and develop features meeting specific organizational needs

Academic Experience

Computer Science Tutor | Winthrop University | Rock Hill, SC

08/2022 - 05/2024

- Tutored 30+ students weekly on advanced C++ concepts including pointers, classes, inheritance, and data structures
- Increased student assessment scores by an average of 22% through targeted programming assistance
- Developed supplemental instructional materials for complex topics including binary search trees and recursive algorithms

Linux Systems Administrator | Winthrop University | Rock Hill, SC

05/2022 - 08/2022

- Engineered Linux compute cluster infrastructure supporting 45 compute nodes, increasing department computing capacity by 300%

- Configured network services (TFTP, HTTP, NFS, DHCP) to establish centralized server management architecture
- Implemented Ansible configuration management and Slurm job scheduling, reducing system administration time by 65%
- Deployed Spack package management for scientific computing applications, enabling multi-version software support

Competitive Programming Team Member | Winthrop University | Rock Hill, SC

02/2023 - 05/2024

- Represented Winthrop University in the 2023 ICPC southeast regional competition, ranking in top 25%
- Solved complex algorithmic challenges using optimization techniques and advanced data structures
- Collaborated in team environment to develop efficient solutions under strict time constraints

RELEVANT COURSEWORK

Data Structures and Algorithms | Operating Systems | Computer Architecture | Software Engineering
Machine Learning | Cybersecurity | Information Security | Cloud Computing | Database Processing
Discrete Mathematics | Calculus I & II | Differential Equations | Linear Algebra

CERTIFICATIONS & ACHIEVEMENTS

- ICPC Southeast Regional Competition Participant (2023)
- Linux System Administration Certificate (2022)
- President's List (2x) and Dean's List (6x)

REFERENCES

Available upon request