

PARKER HENDRY

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GitHub: [parkerhendry](https://github.com/parkerhendry)

Portfolio: <https://parkerhendry.github.io>

Graduation Date: May 2024

EXPERIENCE

Winthrop University • Rock Hill, SC

Computer Science Tutor

Aug 2022 - Present

- Tutor students on fundamental C++ concepts, such as pointers, classes and objects, inheritance and polymorphism, encapsulation, basic data structures (eg., linked lists, binary search trees), recursion, etc.

Linux Compute Cluster Builder

May 2022 - Aug 2022

- Built a linux compute cluster for students by completing tasks such as:
 - Setting up a TFTP server to host out Ubuntu to all 45 compute nodes at once
 - Setting up an HTTP server to maintain a local mirror of the Ubuntu apt repository within our network
 - Setting up an NFS server to export several directories to the compute nodes from the management node
 - Setting up a DHCP server to host out IP addresses to the compute nodes from the management node
 - Using Ansible to manage configuration (eg., network settings)
 - Using Spack as a general system for building and installing software into a general location to manage many stacks of software versions
 - Using Slurm to schedule parallel jobs such as OpenMPI

Competitive Programmer

February 2023 - Present

- Represented Winthrop University in the 2023 ICPC southeast regional competition and other smaller competitions. ICPC is an algorithmic programming contest in which college students in teams of three compete to solve problems.

Domino's Pizza • Rock Hill, SC

Apr 2020 - Aug 2021

Delivery Driver

- Prepared pizza
- Delivered pizza

Inside Worker

- Washed dishes
- Made food
- Prepared store

EDUCATION

B.S. Computer Science • Winthrop University • Rock Hill, SC

August 2021 - Present

Major: Computer Science

Minor: Mathematics

GPA: 3.92

2x President's List

A.A. / A.S. • York Technical College • Rock Hill, SC

August 2019 - May 2021

GPA: 3.97

Magna Cum Laude

4x Dean's List (Every Semester)

SKILLS

C, C++, C#, Java, Javascript, Node.js, Express.js, React, Python, Linux, Linux System Administration, Shells (sh, bash, csh), PHP, HTML/CSS, MIPS Architecture, x86 Architecture, MySQL, MongoDB, Mathematica, Git, Make

RELEVANT COURSES

Computer Science, Discrete Mathematics, Calculus 1, Calculus 2, Statistics, Operating Systems, Data Structures and Algorithms, Computer Architecture, Differential Equations, Javascript, C++, Java, C#, C, Databases, Information Security, Cybersecurity, Software Engineering, Mathematica, Linux/Git, HTML/CSS, PHP

REFERENCES

Available upon request