

# PARKER HENDRY

1635 Chamberside Drive 29730 • 803-280-7996 • [parkerhendry1@gmail.com](mailto:parkerhendry1@gmail.com)

**GitHub:** parkerhendry

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

Graduation Date: May 2024

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## 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  
2x Dean's List

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

August 2019 - May 2021  
Major: Computer Science  
GPA: 3.97  
Magna Cum Laude  
4x Dean's List (Every Semester)

## EXPERIENCE

**Winthrop University** • Rock Hill, SC

**Computer Science Tutor**

August 2022 - Present

- Tutored 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 - August 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.

**Catawba Area Agency on Aging** • Rock Hill, SC

**Software Developer**

August 2022 - May 2023

- Built a WPF application called Root Works using C#, XAML, MySQL, and Visual Studio to handle client information for a local non-profit organization. Root Works provides many features for this information, including importation and exportation from and to excel spreadsheets, searching, editing, and more.

**Domino's Pizza** • Rock Hill, SC

April 2020 - August 2021

## 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, SQL, MongoDB, Mathematica, Git, Make, and more

## 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, Information Security, Cybersecurity, Software Engineering, Mathematica, Linux/Git, HTML/CSS, PHP, Computer Science Theory, Machine Learning, Cybersecurity, Cloud Computing, Database Processing

## REFERENCES

Available upon request