

# PARKER HENDRY

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

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

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## EXPERIENCE

### Winthrop University • Rock Hill, SC

#### Introduction to Computer Science II 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

#### ICPC Regional Contest Participant

February 2023

- Represented Winthrop University in the 2023 ICPC southeast regional competition. 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)

<b>SKILLS</b>	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
<b>RELEVANT COURSES</b>	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
<b>REFERENCES</b>	Available upon request