

Lucas Hasting

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256-431-5180

Education

Bachelor of Science, University of North Alabama, Anticipated May 2026

Majors: Computer Science, Mathematics, Information Technology concentrating in Software Development

Minors: Cybersecurity, Data Analytics

Honors: Cole Honors College, Sigma Alpha Pi

GPA: 3.65

Associate of Applied Science in Computer Information Systems, Calhoun Community College, May 13, 2022

Concentration: Cybersecurity/Information Technology

Honors: Summa Cum Laude, Phi Theta Kappa

GPA: 3.86

Computer Skills

- Certified in the following CompTIA certifications: ITF+, A+, Network+, Security+, Linux+
- Short Term Certificates: Computer Technician, Server Administration, Cyber Security Essentials, CCNA Preparation
- Developed Administrative and Security skills in the Unix, Linux and Windows Operating Systems
- Developed skills in the programming languages: Java, Python, C and C++
- Developed skills with socket programming in C
- Developed Basic Skills in the programming languages: C#, Ruby, Fortran 95, Perl, Prolog, Racket, and Rust
- Developed basic skills in the query languages Oracle 12c SQL, and MySQL
- Developed skills in the statistical programming language R
- Experience using the CISCO IOS Network Operating System
- Web Development skills in the following: HTML5, CSS, Bootstrap 5, JavaScript, JQuery
- Experience using Git, GitHub, and Gitea
- Experience using vi and vim
- Developed skills in Microsoft PowerPoint, Word and Excel

Employment

Summer 2022, Verafin, Remote (Toronto, Canada)

- Software Development Internship
- Created projects relating to software development
- Participated in a company hackathon (Won Best Overall Project)
- Worked in teams

Fall 2022, UNA ITS Help Desk: Tier 1

- Interacting with 20+ people daily over the phone, in person, or over email
- Diagnosing issues and submitting tickets for higher tiers
- Fixing issues with multi-factor authentications, passwords, and other small issues

Spring 2023 – Current, UNA Computer Science Tutor

- Interacting with 15+ people weekly
- Helped students understand programming concepts in Python, C++, and Java
- Helped students understand concepts in Frontend Web Development

Projects

Python - Graph generator utilizing Dijkstra's Algorithm

- Generated a graph that resembled a road
- Used Dijkstra's Algorithm to find the shortest path between two places
- Highlights the path red and displays the graph in pdf format

C++ - User account simulator

- Simulates a user account system that keeps up with usernames and passwords in an encrypted text file using an ASCII cipher
- Allows an account to be added and deleted

C++ and R - count sort tester

- Used a large amount of data to test the count sort algorithm and recorded the results in a csv file
- Used R to analyze and generate graphs of that csv file

C++ - Wt Risk Tracking System – Senior Capstone

- Used the Wt library to create a website and connect to a database to track and manage risks
- Featured a login screen and 3 types of user accounts with different authorization
- The project was not complete due to time constraints, but an MVP was created

More projects listed on my portfolio: <https://lucashasting.github.io/Portfolio/>