

Skyler Coleman

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EDUCATION

University of Georgia

Bachelor of Science in Computer Science

Athens, Ga
December 2024

Emphasis in Cyber Security, Korean Language and Literature Minor. GPA: 3.84/ 4.0

Relevant Coursework: Introduction to Computing and Programming, Discrete Mathematics for Computer Science, Software Development, Systems Programming, Calculus I, Statistical Methods, Introduction to Theory of Computing, Data Structures, Web Programming, Computer Architecture, Computer Networks, Software Engineering, Computational Science

Honors and Awards: Zell Miller Scholarship Recipient(Fall 2020-Current), Dean's List(Fall 2020, Fall 2022, Spring 2023), LSAMP Scholar(Spring 2022, Spring 2023), Presidential Scholar(Spring 2021)

PROFESSIONAL EXPERIENCE AND DEVELOPMENT

Danbury Mission Technology

Danbury, Ct

Embedded Software Engineer Co-op

June 5th 2023 - December 15th 2023

- Provided prototyping, coding, scripting, and document generation in support of software development activities
- Enhanced software quality through regular debugging, maintenance, and testing using Python
- Designed, developed, and enhanced embedded software for a payload and optical equipment in C and C++
- Attended peer review sessions teaching the fundamentals of developing production quality code

Veteran Affairs

Athens, Ga

VA Student Worker

August 20th 2021 - May 13th 2023

- Provided exemplary customer service to veteran-affiliated UGA students via phone calls, emails, and in-person interaction
- Supplied information regarding VA educational benefits to UGA students
- Created, maintained, and updated detailed spreadsheets containing confidential information using Excel
- Handled and shared information using Sharepoint, Microsoft word, and Powerpoint

Drobots Stem Camp

Atlanta, Ga

Game Development Counselor

June 6th 2022 - July 22nd 2022

- Taught engineering and computer science concepts to 50+ children aged 3 - 12
- Showcased how to run, test, and debug code
- Taught the implementation of gaming modifications into known games such as Roblox and Minecraft through Java and Python

PROJECT EXPERIENCE

Dawgit Web App

Athens, Ga

Software Engineering

May 2024

- Designed a web application with react that had the same functionality as Reddit and interfaced with a MySQL backend, allowing users to search through the database and authorized users to add, update, and delete their posts/comments

ITunes Search

Athens, Ga

Software Development

November 2022

- Designed a graphical user interface(GUI) app through JavaFx that displayed timed changing images of album covers based on an iTunes API search query utilizing concepts such as multi-threading

Minesweeper Alpha

Athens, Ga

Software Development

September 2021

- Designed and implemented a non-recursive text-based variation of the traditional Minesweeper game with Java in a Unix environment using object-oriented programming concepts such as inheritance, polymorphism, and interface

CAMPUS & COMMUNITY INVOLVEMENT

General Member, Girls Who Code

January 2021 - May 13th 2023

- Attend weekly meetings focusing on strengthening technical computer science skills, building networks, and developing professional skills

Volunteer, Truly Living Well Center for Natural Urban Agriculture

June 2019 – June 2023

- Picked fruits and vegetables to be sold at local vendors
- Helped to show newcomers the correct procedures when harvesting and storing produce

TECHNICAL SKILLS

Skills: Proficient - Java, C++, C, Python Familiar - AWS, HTML, JavaScript, CSS, C#, React, MongoDB, FreeRTOS, SQL

Software Technologies: MacOS, Windows, UNIX/LINUX, Bitbucket, Jira, Visual Studios, Eclipse, Github, Git

Language: Korean(Intermediate)