

Josiah Scott  
josiah.scott.d@gmail.com – (405) 880-9168  
6005 NW 160<sup>th</sup> St., Edmond, OK 73013  
josiahscott.dev

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### Education

*University of Central Oklahoma* - Edmond, Oklahoma  
Computer Science  
GPA: 3.88  
President's Honor Roll

Aug. 2021 - May 2025

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### Relevant Experience

*Hobby Lobby: Software Developer Intern*

*May 2023- Present*

- Developed software solutions to automate key business functions, and managed individual assignments to meet project milestones and deliverables
- Participated in code reviews, testing, and debugging to ensure software quality and functionality, staying up-to-date with the latest technologies and trends in the industry
- Maintained accurate documentation and adhered to established software development standards
- Designed and implemented autoscaling load tests using python to assess performance of GraphQL and RESTful APIs for ecommerce website launch
- Developed a comprehensive frontend functional testing suite for an internal company web app using TypeScript and the Playwright library
- Frequently utilized Docker and Jenkins to streamline deployment through containerization and automation pipelines

*UCO: Supplemental Instructor*

*January 2023 - May 2023*

- Organized 3 hours of sessions each week to assist students in Beginning Programming
- Attended class lecture to create study material for students to use for each chapter
- Created practice exercises to reinforce and review programming concepts in python
- Assisted students outside sessions on a regular basis
- Communicated weekly with the professor about pedagogical approaches and the needs of students

*UCO: Peer Tutor/Learning Facilitator*

*January 2023 - May 2023*

- Assisted students in various Computer Science and programming courses
- Helped students complete specific homework assignments according to Professor requirements
- Reviewed larger topics with students to prepare them for exams
- Trained through UCO Learning Lab on effective tutoring methods

*UCO: Teacher's Assistant – Programming II, Dr. Park*

*August 2022 - December 2022*

- Analyzed student submitted code for grading in accordance with assignment guidelines
  - Identified and worked to troubleshoot errors in student submitted programs
  - Assessed code for readability, efficiency, organization, and formatting
  - Coordinated with professor to complete specific course assisting tasks within deadline
  - Extensively used Visual Studio Code debugger
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### Relevant Coursework

#### University of Central Oklahoma

- Object Oriented Software Design* - Professor Sung Spring 2023
- Learned object oriented principles of abstraction, inheritance, and polymorphism
  - Created GUI projects using OOP in Java
  - Learned and implemented projects using creational, structural and behavioral design patterns
- Computer Organization and Architecture* - Professor Sung Spring 2023
- Introduced concepts of digital logic and digital systems, and the interactions between computer hardware and software
  - Learned machine level representation of data and instructions, assembly language level machine organization, and memory system organization
- Discrete Structures* - Professor Zhang Fall 2022
- Introduced to Big-O notation and analyzing the time complexity of algorithms
  - Applied concepts of logical operators and truth tables in C++ programs
  - Implemented search and sorting algorithms
- Programming II* - Professor Park Spring 2022
- Advanced understanding of C++ capabilities and usage
  - Introduced to data structure concepts such as linked lists and trees
  - Implemented inheritance, polymorphism, template classes, and more
- Programming I* - Professor Turner Fall 2021
- Create basic programs using the C++ programming language
  - Connect to remote servers using the command line
  - Edit and organize files in a Linux environment
- Video Game Design* - Professor Harbert Spring 2021
- Learned development process with organized sprints and deliverables
  - Created multiple long term game projects including platformers and 3D physics games
  - Programmed C# scripts and used Microsoft's C# documentation
- Beginning Programming* - Professor Harbert Fall 2020
- Introduced to Java and principles of computer science
  - Obtained an understanding of arrays, nested loops, and conditionals
  - Learned basic object-oriented programming principles using classes and objects
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### Clubs/Organizations

- UCO Computer Science Club* 2021 - Present
- National Technical Honor Society (President)* 2019 - 2021
- Technology Student Association* 2019 - 2021
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