

Autumn McCombs

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(602)505-3931

Education

Arizona State University

Tempe, AZ | May '26

B.S. in Computer Science

GPA: 3.16

Coursework: Software Engineering, Object-Oriented Programming, Data Structures & Algorithms, Calculus

Skills

Languages: C/C++, Python, JavaScript, HTML/CSS, Java, Scheme

Tools: Git/GitHub, Bootstrap

Experience

UGTA Principles of Programming | Undergraduate Teaching Assistant

Tempe, AZ | August 2024 – Present

- Manage entry level coding course, held 40-60 students per class on average
- All coding Java based
- Teach beginning level programmers the basics of coding in Java, as well as track attendance and assist with grading
- Covers basic programming principles from declaring variables all the way to creating classes and handling IO operations
- Topics covered
 - Data types & type casting/conversion
 - Debugging code ideals
 - Conditional statements, loops (simple, advanced, nested)
 - Program tracing (following loops, method calls, conditional statements)
 - Arrays & Array lists (creating & modifying)
 - File Input/Output streams
 - User defined classes/objects
 - Constructor overloading

ASU Financial Aid Assistant | Student Worker

Tempe, AZ | May 2021 - July 2022

- Worked with a team of other Financial Aid employees to make sure students' paperwork is processed appropriately
- Problem solved with assistance from other employees when something was wrong with a student's account
- Oversaw that issues were dealt with appropriately and resolved in a reasonable time frame

Projects/Programs

Global Career Accelerator; Coding for Web | HTML/CSS, JavaScript, Global-Cultural skills

Aug-Dec 2024

- Hands-on experience through coding projects, building responsive websites
- **HTML/CSS Badge** – Demonstrates proficiency in building web pages using HTML and styling them with CSS.
- **JavaScript Badge** – Validates the ability to use JavaScript for interactive and dynamic web development.
- **Responsive Web Design Badge** – Shows competence in creating websites that are optimized for web access

Coursework

Logic in Computer Science | Prolog

CSE259

- Analyze the syntax and semantics of propositional and predicate logic
- Conduct formal verification of computer systems and software programs
- Use of a proof system to determine whether an argument is valid
- Represented boolean functions using binary decision diagrams to facilitate verification processes