Adam Coates

Scottsdale – AZ

📱 (480) 586 7330 • ✉ ajcoates0@gmail.com

🌐 linkedin.com/in/adam–coates/

Education

Arizona State University   **Degree expected: May 2023**

Bachelor of Science, Computer Science (Software Engineering)   *Cumulative GPA: 4.0*

Bachelor of Science, Finance

Experience

Control Systems Engineer Intern

Northrop Grumman (Space Systems)   *May 2022 – Present*

○ Pioneered effort to migrate existing department SharePoint network to a flat hierarchy that eventually grew to an entire Space Systems sector proposal.

Service Manager

Chipotle Mexican Grill   *May 2018 – May 2022*

○ Oversaw sanitation and maintenance of restaurant equipment and facilities to uphold restaurant cleanliness.
○ Enforced customer service standards among staff to establish an inviting atmosphere for Chipotle guests.
○ Minimized the restaurant's average critical inventory score to a 0.4 percent.
○ Achieved a perfect score on each quarterly Ecosure audit of 2020 and 2021 during the COVID-19 pandemic.

Technical Skills

Languages: Java, C/C#/C++, HTML, JavaScript, SQL, Some Exp: Python, CSS

Frameworks: JUnit, Some Exp: React.js

Developer Tools: Git, Jira, VSCode, Eclipse, MATLAB, LaTeX

Skills: Microsoft Office, Power Automate, SharePoint Online, Teams, Linux

Coursework: Service-Oriented Computing, Software QA and Testing, Software Architecture/Design, Database Management, Theoretical Computer Science, Object-Oriented Programming

Projects

React.js Weather Application

Project powered by OpenWeatherMap RESTful API

○ Queried OpenWeatherMap API to return current weather conditions and temperature.
○ Updated the CSS theme of the website based off of the present conditions of the city searched.
○ Utilized the JavaScript Fetch API.

Disaster Risk Management Application

2021 IBM Call for Code Hackathon Project

○ Established a solution to the increased severity of natural disasters on communities due to climate change.
○ Worked in a team to produce an application composed of a React front end with a Node.js back end.
○ Integrated IBM Cloud Services of Watson Assistant and HERE Location Services framework.

Autonomous Vehicle Project

Team Leader for Engineering and Design Course at ASU

○ Developed an autonomous vehicle prototype for a mock ridesharing startup with a group of students.
○ Constructed the vehicle using LEGO® MINDSTORMS® EV3 sensors and motors.
○ Programmed scripts in MATLAB to allow the vehicle to operate autonomously and accept manual override.

Leadership Activities and Awards

W. P. Carey Leader's Academy at Arizona State University

School of Business Honors Program   *May 2019 - Present*

○ Connected with industry experts in exclusive professional events to cultivate networking abilities.
○ Fostered mentorship connections and opportunities with W. P. Carey department faculty.

Academic Awards

Arizona State University

○ New American University Scholar: Presidents Award.
○ Dean's List: Fall 2019 - Spring 2022.