

Dipin Dawadi

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EDUCATION

Alabama A&M University, Expected May 2026 Normal, Alabama
Bachelor of Computer Science
GPA: 4.0/4.0

TECHNICAL SKILLS AND SOFTWARE PROFICIENCIES

Python • C++ • JavaScript • Kotlin • Java • Kali Linux • GitHub • Docker • HTML • CSS • Microsoft Excel • Microsoft PowerPoint • Microsoft OneNote • Microsoft Team • Google Drive • Google Documents • Google Spreadsheets

COURSES

Intro to Android Development • Intro to Cybersecurity • Programming II(C++) • Intro to Python • Intro to Java • Linear Algebra

PROJECTS

Fall 2023

Project Manager for Car Dealership Website

- Leading client communication and requirement analysis, ensuring alignment with project objectives
- Actively contributing to website development, particularly in creating the login section

Spring 2023

Snake Game (Github)

- Created a fully functional Snake game using Python and Pygame and converted it into an executable file
- Object-oriented programming, Event handling, sound effects, collision detection, and game loop were utilized

WORK EXPERIENCE

Fall 2023 **Research Data & Communication Technologies** Remote

Federated Identity Management Intern

- Joined the software and infrastructure-as-code development team and contributing to a software development project, including coding, annotating, documenting, and debugging Python and other identity management tools.
- Developing a web application with Python Flask and configuring Docker for deployment.

Summer 2023 **UL Solutions** Fremont, California

Engineering Intern

- Conducted 999+ tests on customer samples, utilizing computer science methodologies to enhance system performance
- Generated comprehensive reports explaining test outcomes to facilitate engineering staff's review
- Analyzed test performance and operations meticulously for accurate assessment of results

Spring 2023- Present **Alabama A&M University** Normal, Alabama

Computer Science Teaching Assistant

- Delivered engaging lessons on Python to help students build a foundation in coding fundamentals
- Maintained a positive and inclusive learning environment and promoted critical thinking and problem-solving skills
- Developed customized lesson plans based on individual student needs and learning styles

Fall 2022- Present **Alabama A&M University** Normal, Alabama

Nuclear Security and Nonproliferation Research Participant

- Conducted experiments maintaining Argon gas elements in a Glove Box Environmental Chamber.
- Explored Cesium Hafnium Chloride crystal production using the Bridgman technique

ACTIVITIES & HONORS

2023 Google Tech Immersion Scholar • 2023 Alcon's R&D Extern • Google Developers Student Club • Deloitte Technology Pathway Program • Amazon Advisors Program • AAMU Honors Program • Presidential Scholarship Scholar • International Student Association

VOLUNTEERING EXPERIENCE

Fall 2022-Present **AAMU Honors Program** Normal, Alabama

- Committed to at least 10 hours of service each semester
- Worked on a project to help students through the Boys & Girls Clubs of North Alabama

LANGUAGE PROFICIENCIES

• English • Hindi • Nepali