

Dipin Dawadi

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EDUCATION

Alabama A&M University, Expected May 2026

Normal, Alabama

Bachelor of Computer Science, Minor- Finance

GPA: 3.95/4.0

TECHNICAL SKILLS AND SOFTWARE PROFICIENCIES

SQL • Tableau • Power BI • Pandas • NumPy • Django • Flask • .NET • Kali Linux • GitHub • Docker • JavaScript • Kotlin • Java • Python • C++ • C# • HTML • CSS • Microsoft Excel • Microsoft PowerPoint • Microsoft OneNote • Microsoft Team

COURSES

Data Structures • Algorithms • Robotics Programming • Intro to Cybersecurity • Advance Programming (C#) • Linear Algebra

PROJECTS

Fall 2024 – Present

Customer Churn Insights & Prediction

- Collecting and preprocessing customer data in Python for analysis, using Pandas and SQL for data cleaning and exploratory data analysis (EDA).
- Building a predictive model with scikit-learn to analyze customer churn, improving accuracy in identifying high-risk segments.
- Creating an interactive Tableau dashboard for visualizing churn trends by demographics and subscription type.

Spring 2024 - Present

Project Manager (<https://free.prominencemotorsllc.com/>)

- Leading 90% of client communication and organized 10+ meetings and site visits, resulting in 80% completion of the website.
- Contributing to 15% of the overall Car Dealership website development using HTML, CSS, and JavaScript.

WORK EXPERIENCE

Fall 2024- Present

Alabama A&M University

Normal, Alabama

Research Assistant

- Developing a course management system (SMART CMS) using Python's Django, HTML, CSS, and SQLite.
- Meeting Bi-Weekly with Computer Science department head to ensure the system to meet 100% of educational requirements.

Summer 2024

UL Solutions

Fremont, California

Engineering Intern

- Operated DASY6 robots to run 1500+ tests, recorded, and plotted specific absorption rate values and RF heat maps of wireless signals to help upload FCC and ICC.
- Ran Python commands and scripts to configure antennas across 8+ devices, ensuring transmission at specific frequencies, bands, and powers.

Fall 2023

Research Data & Communication Technologies

Remote

Federated Identity Management Intern

- Worked on a Flask web application, utilized MySQL for database management, and deployed it using Docker, gaining hands-on experience with Docker Compose, containers, and deployment processes
- Engaged in 7+ weekly meetings, actively contributing ideas and insights of a new website concept for the company.

Fall 2023- Spring 2024

Alabama A&M University

Normal, Alabama

Computer Science Teaching Assistant

- Taught Python to over 15 students, improving their skills by 30% based on performance metrics.
- Developed 5+ lesson plans, contributing to an average improvement of 15% in student assessments.

ACTIVITIES & HONORS

2023 Alcon's R&D Extern • Google Developers Student Club • Deloitte Technology Pathway Program • Amazon Advisors Program • AAMU Honors Program • Presidential Scholarship Scholar • ISA • INSPIRE Research

VOLUNTEERING EXPERIENCE

Fall 2022-Present

AAMU Honors Program

Normal, Alabama

- Committing to at least 10 hours of service each semester

LANGUAGE PROFICIENCIES

• English • Hindi • Nepali