

ANANYA MADDALI

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EDUCATION

Texas A&M University, College Station, Texas
Bachelor of Science in Computer Science, May 2025
Cumulative GPR: 4.0

EXPERIENCE

Internship at Spruce Technology, Inc.

Web Development Intern, June 2022-August 2022

- Transformed **Invision** prototypes into reusable **WordPress** page templates
- Troubleshooted web applications, diagnosed, and fixed bugs
- Created reusable components for the Spruce website using **Divi, React, PHP, and JavaScript** for admin interfaces
- Used **Material UI** to design responsive components such as buttons and cards
- Developed web components in an agile environment
- Participated in daily stand-ups, bi-weekly sprint retrospectives and plannings
- Created a news blog website, real estate website, blog website, and a corporate website as part of training

SKILLS

Coding:

- HTML, CSS, PHP, and JavaScript experience in web development
- Utilized Jira, Visual Studio Code, Bitbucket, and Invision as part of the Spruce internship
- Experience with platforms such as Git & GitHub, React, and Jira
- Basic Python & C++ experience from Harvard's online CS50 course

Artificial Intelligence:

- Programming experience utilizing linear regression, natural language processing, and neural networks through Stanford's Inspirit AI
- Completed a project combining criminal justice and AI to predict the probability of defendants recommitting crimes
- Analyzed and created models involving Random Forests, Logistic Regression, and SQL

Python Project:

- Performed an engineering analysis of energy consumption around the world using Numpy and Matplotlib

Research:

- Engaged in a high school project about Bangalore's water crisis under IISc graduates in the organization Seed2Sapling
- Discussed possible solutions to the crisis with water conservation experts in the area
- Studied rainwater harvesting and artificial recharge techniques
- Compiled data from research papers to create a report about the possible solutions for the water crisis in Bangalore, with an emphasis on artificial recharge techniques

PROFESSIONAL ORGANIZATIONS & ACTIVITIES

Student Council

House Captain, 2017 - 2018

- Facilitated school events: school competitions and speaker presentations
- Participated in numerous debates and quizzes representing my house

- Conducted speeches to motivate students in the team
- Coordinated with younger and older students in prefect meetings

FALL (Freshman Aggie Ladies Leading), executive, May 2022 – May 2023

FALL (Freshman Aggie Ladies Leading), member, Sep 2021 – May 2022

HONORS

Dean's Honor Roll, Texas A&M University, Jan 2022 – May 2022

Dean's Honor Roll, Texas A&M University, Sep 2021 – Jan 2022

1st Rank in AS & A Levels, Primus Public School, May 2019 – May 2021

6/8 A*s IGCSE Curriculum, Primus Public School, May 2018 – May 2019