

AARYA PARMAR

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Seeking an internship for Summer 2025 within the Computer Science field (Software and Data Engineering)

EDUCATION

Texas A&M University (College Station),
Bachelor of Science in Computer Science, Minor in Statistics and Business
GPA: 3.91

Class of 2026

Relevant Coursework: Discrete Computing Structures, Digital Electronics (building circuits and schematics), Program Design & Concepts, Data Structures and Algorithms, Computer Architecture

Programming Languages and Skills: Azure Synapse, SQL, PySpark, Java, Python, HTML, CSS, JavaScript, PowerApps, Power Automate, C++, C, Creating circuit schematics, Agile Mindset, Microsoft Office 365, SharePoint, Multilingual (Gujarati, Hindi, Spanish, English, Urdu)

EXPERIENCE

Software Engineering Intern – Bank of America

May 2024 - Present

- Gather and translate internal and external client requirements into technical design specifications, business process reengineering, and network security automation using Nautobot.
- Code solutions, unit tests, and ensure successful integration with clear, robust, and well-tested interfaces while merging data sets using Python and Django to ensure data integrity and avoid redundancy.
- Participate and contribute to CI/CD events, including branching timelines, pull requests, issue triage, merge/conflict resolution, and release notes, while designing automated data integrity checks with Django and MongoDB.

Data and Software Engineering Intern – Chevron Corporation

May 2023 - Aug. 2023

- Sourced and curated diverse datasets, ensuring data quality and integrity, and recreated SeaCargoCharter table in SQL using Postman, PySpark, and Azure Synapse.
- Ensured compliance with American Bureau of Shipping regulations, addressing reporting requirements for shipping stakeholders, and actively participated in deploying technical services for robust business operations.
- Collaborated with machine learning engineers, data scientists, and key shipping stakeholders to scale and deploy solutions, contributing to the overall success of critical business functions.

PROJECTS

Wordle Unlimited – Personal Project

April 2024

- Languages and Tools: Java FX, CSS, Java, Scene Builder, FXML
- Utilized object-oriented programming principles to represent various game components as objects, including a log of in-game moves and a random 5-letter word selected for each game session.
- Provided users with insights into their performance by showcasing stats and distribution of wins and guesses upon completion of each game.

MoneyMaster Financial Literacy Application – Group Project

Jan 2023

- Languages and Tools: HTML, CSS, JavaScript
- Developed MoneyMaster, a highly rated financial literacy application, incorporating coding, graphics, and quiz functionality within a 24-hour challenge.
- Recognized as the Best Beginner Hack, earning a perfect 10 out of 10 rating from judges, professors, and 750 students in Texas, showcasing effective collaboration, rapid skill acquisition, and impactful project delivery.

Yoga Schedule Builder App – Personal Project

Aug. 2022 – May 2023

- Languages and Tools: Shiny (R), Python (Pandas library)
- Developed a personalized Yoga Schedule Builder app using Shiny (R) and Python with the Pandas library, pulling data about yoga positions and health benefits from API and spreadsheets.
- Implemented a user-friendly interface, enabling users to input health concerns and available time to generate a tailored weekly yoga schedule.

EXTRACURRICULARS

Aggie Women in Computer Science – Treasurer

May 2023 - Present

- Request and oversee company sponsorships for events including workshops, informationals, and socials.
- Represent AWICS and the university when interacting with companies, fostering positive relationships and promoting the organization's image.
- Reaches out to, communicates with, and meets companies in a professional and timely manner to discuss sponsorships.

Aggie Coding Club - Workshops Committee

Aug. 2022 - Present

- Designed and executed weekly coding workshops within a collaborative team setting to educate members of the Aggie Coding Club in the latest coding technologies and techniques.
- Collaborated as part of a team to develop the "Rev Registration" project, an automated class scheduling system for Texas A&M University.
- Engineered a system capable of generating personalized schedules based on student course preferences, streamlining the registration process for the university community.

Society of Women Engineers - SWELites Education Committee Co-Chair

Aug. 2022 - May 2023

- Cultivated vital engineering competencies required in the industry by organizing and leading interactive workshops for a cohort of 50+ engineering freshmen.
- Guided and supported fellow freshmen in securing over 75 internships, research opportunities, and scholarships to advance the representation of women in STEM fields.
- Initiated and hosted a dynamic high school conference attended by 50+ juniors and seniors, offering insights into diverse engineering majors and potential career path.

