

# AARYA PARMAR

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Seeking a Software/Data Engineering internship for Summer 2025

## EDUCATION

**Texas A&M University (College Station),**  
**Bachelor of Science in Computer Science, Minor in Statistics and Business**  
GPA: 3.93

**Class of 2026**

Relevant Coursework: Discrete Computing Structures, Digital Electronics, Program Design & Concepts, Data Structures and Algorithms, Computer Architecture

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

## EXPERIENCE

### Software Engineering Intern – Bank of America

**May 2024 - Present**

- Gathered and translated internal and external client requirements into technical design specifications, business process reengineering, and network security automation using Nautobot.
- Coded solutions, unit tests, and ensured successful integration using Python and Django with clear, robust, and well-tested interfaces while merging data sets to ensure data integrity and avoid redundancy.
- Participated and contributed 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.
- Scaled, tested, and deployed solutions, contributing to the overall success of critical business functions, while collaborating with machine learning engineers, data scientists, and key shipping stakeholders.

## PROJECTS

### Wordle Unlimited – Personal Project

**Apr 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 – Team 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 – May 2024**

- 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