

Aryan Haroon

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Professional Summary

Computer Science and Engineering sophomore at UC Merced (GPA: 3.85) with experience in C++, Java, Python, SQL, and full-stack web development. Built systems and web applications including a Wordle clone, MS Paint-style drawing tool, and React/Next.js features. Experience in AI model evaluation and multimodal data collection. Seeking software engineering and AI/ML internship opportunities.

EDUCATION

University of California, Merced

B.S. Computer Science and Engineering - Expected 2028

Relevant Coursework: Data Structures, Discrete Mathematics, Probability & Statistics, Vector Calculus, Differential Equations, Computer Organization and Assembly Language

Expected Coursework: Algorithms, Operating Systems, Databases

Technical Skills

- **Languages:** C++, Java, Python, SQL, HTML/CSS
- **Frameworks/Tools:** React, Next.js, Git
- **AI/ML:** LLM evaluation, dataset annotation, multimodal data collection, prompt testing
- **Other:** SAP (exposure), Project management, Esports event coordination

AI Model Evaluator Project Hedgehog (Handshake AI): November 2025 – Present

- Evaluate LLM outputs for multi-step reasoning tasks, identifying logical errors, hallucinations, and safety violations.
- Annotate datasets across classification, rewriting, math reasoning, and problem-solving tasks.
- Test prompts and edge cases to assess model consistency and constraint adherence.
- Provide structured feedback to support model alignment and fine-tuning workflows.

AI Evaluation Contributor – Public Spaces Dataset (Handshake AI): January 2026 – Present

- Analyze LLM responses in socially contextual and real-world scenario prompts to identify safety, bias, and reasoning gaps.
- Collect real-world video data to support multimodal vision-language model training datasets.
- Follow structured data collection protocols to ensure privacy compliance and dataset usability.
- Document environmental metadata to improve downstream model perception and scene understanding.

Wordle Clone (C++)

- Built an object-oriented Wordle-style game with randomized word selection, input validation, and persistent user statistics.
- Designed modular architecture for gameplay logic, UI flow, and data tracking.

Paint Panther – MS Paint Clone (C++)

- Developed a full-featured drawing application with shape tools, eraser, RGB color picker, layer ordering, and object manipulation.
- Implemented dynamic shape selection, resizing, and color editing with shared container architecture.
- Integrated AI-based feedback functionality to suggest application improvements.

SUPERMAJOR Web Platform (React/Next.js)

- Implemented front-end feature enhancements and structured data integrations for esports analytics platform.
- Collaborated on UI improvements and data-driven content delivery.
Link: supermajorgg.vercel.app

Relational Data Management System (SQL)

- Designed relational schemas and optimized SQL queries for structured data storage and retrieval.
- Implemented joins and indexing strategies to improve query performance.

Personality Test application (Java)

- Developed an interactive Java application that evaluates user responses and generates personality-based results.
- Implemented input validation, scoring logic, and result categorization using object-oriented design principles.
- Designed modular components for question handling, scoring, and user feedback to improve maintainability and extensibility.

EXTRACURRICULARS

Soccer (Winger) — ECNL, Varsity HS, Intramural & D2 UC Merced

- 13+ years competitive playing experience across club, varsity, and NAIA/NCAA II.

Founder, Team X7 (Esports Organization) | Mar 2023 – Present

- Co-founded an esports organization focused on Super Smash Bros. community events and team development.
- Organized tournaments and managed team coordination and community outreach.

Safiar Consulting (Part-Time) | 2022 – 2023

- Scheduled meetings, prepared client documentation, and supported operational workflows.
- Gained exposure to SAP systems and professional client communication.