Rayhan Mohammad

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EDUCATION

The University of Texas at Austin | Austin, TX   May 2029
Bachelor of Science, Statistics and Data Science | GPA: 4.0
Related Coursework: Introduction to Data Science, Elements of Software Design, Sequences, Series and Multivariable Calculus

TECHNICAL SKILLS

Languages: Python (Scikit-Learn, Tensorflow, Pandas, Keras, FastAPI), Java, JavaScript (React, Next, Svelte), R (Tidyverse)
Tools: Docker, Git/GitHub, Vercel, Render, Railway, Jira, MongoDB, Supabase, Firestore, AWS S3, Cloudflare, DigitalOcean, Ollama

PROFESSIONAL EXPERIENCE

PGA of America   Oct 2024 – Jul 2025
Machine Learning Extern   Dallas, TX
- Trained 500+ professionals by leading PGA AI Conferences with 80+ attendees to teach multi-agent AI systems with CrewAI
- Demonstrated CNN training on Google Colab ML lab, and mentoring 14 developers on building scalable AI applications
- Collaborated with PGA's CTO, Kevin J. Scott for project management and AI integration to enhance development workflows

Krowe Technologies Inc   Aug 2023 – Present
Chief Technology Officer   Frisco, TX
- Supported 23 small businesses and 100+ early-stage founders through launching Krowe Hub, an AI-powered startup acceleration platform integrating DeepSeek-driven automation pipelines for business plan insights and real-time workflow optimization
- Developed Kairos AI Assistant and Idea Analyzer using OpenAI APIs, FastAPI, Next.js, and Firestore, delivering real-time business guidance, automated feedback, and market validation workflows tailored for 7 local startups and small businesses
- Presented AI startup tooling at 18 competitions with 100,000s of attendees; demonstrated practical AI for market validation and automation, converting pilots to paying users and showcasing how founders can launch faster with measurable outcomes

Nixar Solutions   Dec 2023 – Jul 2024
Software Engineering Manager   Frisco, TX
- Closed 5-figure revenue nationwide; automated digital marketing and analytics via multi-agent AI systems using React, Next.js, SerpAPI, CrewAI, and SEMRush-powered SEO, delivering repeatable demand generation and reporting for multiple businesses
- Optimized websites with React and data-driven analytics to achieve +598% media views, +288% engagement, +533% interactions, and +582% social platform reach, establishing performance baselines and growth playbooks for clients

PROJECTS

Campus Connect AI | *AI University Student Success Platform*   July 2025
- Supported 1,000+ students by developing a full-stack React and Python student resource platform piloted at UNT and UTD
- Engaged university administration by implementing models that connect students to scholarships, tutoring, and school dashboards

C.Y.R.U.S. (Cybernetic Responsive Utility System) | *Gesture-driven AI assistant*   May 2025
- Delivered a multimodal HCI system by combining voice and gesture control with TensorFlow/Keras models, MediaPipe functions
- Trained 200+ students through hands-on Python workshops covering gesture recognition model training and software engineering

TradeX | *Optimal Positioning on User Inputted Market Views*   Mar 2025
- Implemented a portfolio-optimization algorithm to translate market views into optimal positions with risk/return constraints
- Developed a full-stack AI web app with Next.js, Tailwind, and FastAPI, exposing REST APIs and a responsive UI

LEADERSHIP & COMMUNITY INVOLVEMENT

Texas Convergent   Jul 2024 – Dec 2024
HealthTech Software Developer   Austin, TX
- Developing a wearable integrated recovery tracker by tracking performance deltas and producing recovery recommendations.
- Connecting 300+ developers, designers, and PMs through company visits and panel sessions with alumni and corporate leaders
- Designing data schemas, implementing APIs, building frontend components for 12 MVPs and developer presentations

B.A.X.A. (Business Analytics Association)   Jul 2024 – Dec 2024
Machine Learning member   Austin, TX
- Programming during weekly Tech Nights covering Pandas, Regression, Decision Trees, Neural Networks, and Data Visualization
- Exploring performance patterns from the 2024 F1 season through modeling race outcomes with Python, NumPy, and SciKit-learn

Form.IO   Jul 2024 – Jul 2025
AI Developer   Plano, TX
- Taught 300+ engineers across 7 conferences about vector databases, model embedding, and RAG, ranking, and latency tuning
- Assisted in launching a 120-member community, Plano Prompt Engineers, and managing meetups with code labs on AI agents

First Robotics Competition Team 10032   Jul 2024 – Jul 2025
Programming Manager   Frisco, TX
- Designed and implemented robot subsystems and autonomous algorithms in Java using OOP and complex data structures
- Led a programming team of 25 by teaching Git workflow and taught weekly DSA sessions (complexity, recursion, hashmaps)

Athena Ed-Tech   Jul 2024 – Dec 2024
National Technology Ambassador   U.S.A.
- Influenced 100,000+ students through a nationwide initiative promoting responsible AI use and classroom model deployment
- Helped deploy 14 LLMs across 200 schools by defining evaluation rubrics and rollout checklists for tutoring/grading support