Ryan Kabir

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EDUCATION

Texas A&M University - College Station, TX   Expected Graduation: May 2025
Bachelor of Science (B.S.) - Computer Engineering   Minors - Mathematics, Cybersecurity
- Awarded the **AFT Top-2 Finalist Scholarship** from Jack Henry and Associates, earning a **$500 scholarship** for exceptional academic merit
- Designated as member of the **Dean's Honor Roll** for achieving an outstanding **GPA of 3.75+**

Texas Academy of Mathematics and Science - Denton, TX   May 2021
High School Diploma - Biomedical Sciences Track   GPA: 3.73/4.0
- Awarded the **TAMS Scholar Merit Scholarship** of **$8000** for exceptional academic merit

TECHNICAL SKILLS

Languages: C/C++, Python (NumPy, TensorFlow, Matplotlib, Selenium), JavaScript (React, Node.js), HTML/CSS, R
Certifications: (LinkedIn Learning) Hands-on-React, (Codecademy) Learn HTML, Learn CSS

EXPERIENCE

Texas A&M University - College Station, TX
Head Undergraduate Teaching Assistant for ENGR/PHYS 216 (Physics Mechanics Lab)   January 2023 - Present
Head Undergraduate Teaching Assistant for ENGR 102 (Python/Computation Lab)   May 2022 - December 2022
- Created and administrates the *first* server of **150+ TAs / Peer Tutors** and **4000+ students**
- Leads instruction in twice-a-week class meetings to aid 230+ students in **Python** labwork and classwork

University of North Texas – Dallas - Dallas, TX   May 2019 - May 2020
Undergraduate Research Fellow - Social Epidemiology Lab with Dr. Syeda Jesmin
- Created an academic literature review paper of **8 published articles** to contribute to a publication on Opioid Misuse among Adolescents **published in the journal Substance Use & Misuse**

PROJECTS

LeetCamp | "A Project Dedicated to DS&A"   August 2022 - Present
Project Co-Leader & Python Instructor
- Leads a weekly workshop that teaches **Data Structures and Algorithms** concepts from the beginner to advanced level in **Python and C++** through the lens of LeetCode problems to a group of **~60 students**

AI-ggie News   September 2022 - December 2022
Lead Python Developer | AI / Machine Learning Team
- Created a website with a recommendation system utilizing machine learning in **Python** for **300+ Texas A&M news articles** that services students from 100+ majors and interest groups
- Utilized **Selenium** web scraping, **TensorFlow** recommenders, and a **JavaScript** + **HTML/CSS** front-end

Twitter Clone Social Media Application   October 2022 - December 2022
Personal Project
- Created Twitter Clone in **C++** allowing users to create and search usernames and posts (via an assigned PostID containing text and hashtags with will edge-case and error detection implemented)

LEADERSHIP

ENGR TA Organization (TAO), *Founder / President*   November 2022 - Present
- Founded first student organization of **150+** members that revolutionizes and consolidates reviews, office hours, tutoring, and announcements for all **4000+** engineering students among each of **4 Texas A&M Campuses** into a unique server that utilizes **Python** and **Discord API** to organize student roles with a bot

Aggie Coding Club, *Officer, Webmaster, LeetCamp Project Leader*   August 2021 - Present
- Manages organization website created with **HTML/CSS**
- Oversees financial planning for **20+ events** and effectively utilizes a budget of **$12,000**

Aggie Competitive Programming Club, *Officer & Company Outreach Manager*   August 2021 - Present
- Organizes semesterly Competitive Programming Competitions of **150+ participants** in partnership with international company sponsors providing a total budget of **$10,000+**

TAMS Global Organization (TGO):
Founder / Executive Advisor   May 2021 - Present
Founder / President   May 2020 - May 2021
- Established and led a not-for-profit organization that provided **40+ recurring volunteering opportunities** and fundraising events to **600+ high school students** in collaboration with **5 Global NGOs** (i.e. UNICEF)