Jawad Kazi

(346) 779-4692 ● jawad@cs.utexas.edu ● jawadkazi.github.io ● linkedin.com/in/jawadkazi ● Austin, Texas

EDUCATION

University of Texas at Austin   Austin, Texas
Honors B.S. Data Science and B.S. Economics, GPA: 3.7/4.0   Expected May 2025
Minor in Scientific Computation
- **Coursework:** Data Science, Software Design, Machine Learning, Data Structures, Linear Algebra, Discrete Math
- **Activities:** UT Machine Learning and Data Science, UT Competitive Programming, Longhorn Math, UT Hack TX

WORK EXPERIENCE

United States Air Force and Space Force   Remote
Incoming Data Science Co-op   August 2024 − May 2025

United States Air Force and Space Force   The Pentagon - Arlington County, Virginia
Data Science Intern   May 2024 − Aug 2024
- Migrated ETL pipelines to Databricks Delta Lakes and PySpark, with visualization dashboards in Tableau and web apps in Plotly Dash, modernizing more than 2 billion dollars in space contract cost analyses which were done in Excel
- Introduced and documented Git hosted in AWS S3 as an unifying version control system for future data science analyses

Snap Inc.   Remote
Augmented Reality (AR) Development Extern   Feb 2024 − March 2024
- Developed AR filters and renders for Snapchat, optimizing some filter render times and effectiveness by up to 13%
- Recognized as a program standout for innovative AI integrated solutions and board presentations in AR media initiatives

Founder Institute   Austin, Texas
Operations Intern   May 2023 − Aug 2023
- Enhanced startup onboarding processes by implementing data-driven optimizations, reducing onboarding time
- Supported startups in resource allocation through meticulous data analysis, facilitating strategic decision-making

Baylor College of Medicine Head and Neck Cancer Research Lab   Houston, Texas
Undergraduate Bioinformatics Research Assistant   Jan 2022 − May 2023
- Built vcfeather, a library for next-generation sequencing analysis in Pandas, PyTorch, and containerized with Docker
- Co-authored 3 publications that use my bioinformatic programs, notably in Nature: "Evolution of Cisplatin Resistance"

PROJECTS

hamun.org   Nov 2023
Houston Area Model United Nations Website
- Developed web app for student political engagement activities in VueJS, VeloJS, WordPress, and HTML/CSS
- Maintained stability in hamun.org with 8,000 annual users using Wordpress analytics and Cloudflare monitoring

Employee Churn Simulator   Oct 2023
Marsh Mclennan Business Analytics Competition
- Implemented a Markov chain-based employee transition model in Python, leveraging historical data to predict turnover
- Presented to board of HR managers about retention strategies and workforce management, won 1st place in competition

Name Entity Recognition Model   Sept 2023
Annual Ebay ML Competition
- Recognized shoe caption properties using Bert Large Language Model, cross validation, and rule-based extraction
- One of 35 teams selected to compete in final stage of challenge by passing necessary model accuracy threshold of 75%

SKILLS AND INTERESTS

- **Languages/Software** - Python, R, SQL, Javascript, C++, Git, Flask, Databricks, AWS S3 + EC2, Docker, Tableau
- **Data Science** - Pandas, NumPy, Seaborn, Selenium, Pytorch, Keras, Scikit-learn, Transformers, OpenCV, Scikit-learn
- **Operations and Program Management** - Agile, CI/CD, Task Automation (cron, systemd), Infrastructure as Code