Kareem Kabbani

979-820-2212 | knkabbani@gmail.com | linkedin.com/in/kareem-kabbani/ | github.com/kkabbani05

EDUCATION

Texas A&M University — **May 2026**
Bachelor of Science in Computer Science, Data Science Emphasis Area — *College Station, TX*
- **GPA: 4.0**
- Honors College of Engineering – Engineering Academic Excellence Award – Jeffrey John Becker '82 Scholarship.
- **Core Coursework**: **Software Engineering**, **Data Structures & Algorithms**, **Computer Systems**
- **Additional Coursework**: Computer Architecture, Discrete Math, Linear Algebra, Calculus III

TECHNICAL SKILLS

Languages: **Python**, **Java**, **JavaScript**, **C++**, **Go**, **SQL**, R, HTML, CSS
Frameworks: **React**, Node.js, Express.js, **Django**, Flask, Selenium, JavaFX, PyTorch, Tailwind CSS
Software Development Methodologies: **Agile**, **Waterfall**
Tools & Platforms: **Git**, **AWS**, **Linux**, PostgreSQL, VS Code, PyCharm, IntelliJ, Oracle VM VirtualBox

EXPERIENCE

Qatar Computing Research Institute — **May 2024 – July 2024**
Artificial Intelligence Intern — *Doha, Qatar*
- Optimized machine learning models (**Inception v3**, **EfficientNet**, **ResNet**) on a dataset of **60,000+** images for DNA Enhancer Sequence Prediction, achieving **98.8%** testing accuracy on unseen data.
- Conducted extensive experiments comparing the accuracy of different models and tuning various hyperparameters to enhance overall model performance.
- Applied advanced image processing techniques (**movement probability matrix**, **wave transforms**) to enhance model generalizability while maintaining high performance.

Qatar Computing Research Institute — **May 2023 – July 2023**
Arabic Language Technologies Intern — *Doha, Qatar*
- Trained and tested **10+** Machine Learning **models** on a **30,000+** Arabic news articles to evaluate the factual accuracy of user claims.
- Utilized the company's **web API** for lemmatization and spell checking during data preprocessing.
- Developed an application using **React** and **Flask**, providing an intuitive user interface for users to interact with the machine learning models.

Department of Engineering — **August 2023 – December 2023**
Python Course Peer Teacher — *College Station, TX*
- Assisted the professor in teaching **100+** students Python through small group sessions, explaining key concepts in the context of lab assignments.
- Led office hours, assisting multiple students in debugging their code simultaneously, and enhancing their problem-solving skills in Python.

PROJECTS

Pandas POS System — **September 2024 – Present**
- Developing a **POS system** for Pandas that is compliant with **WCAG 2.1** accessibility standards using **React** for the frontend and **Django** for the backend, connected to **AWS**.
- Implementing the **Agile development methodology**, focusing on usability testing and accessibility, while creating a multi-user application with interfaces for **managers**, **cashiers**, and **customers** via a self-service kiosk.
- Integrating third-party APIs, including **Google OAuth2** for authentication, **Google Translate** for translation, and a weather service to enhance the user experience.

Students For Refugees Website — **August 2023 – Present**
- Developed and maintained the **StudentsForRefugees.org** website using **React JS** and **Tailwind CSS**, serving as a central hub for information, events, and updates for the organization's **10+ branches**.
- Integrated a backend in **Go**, making API calls to **Google Drive** and **Google Calendar**, as well as integrating **Stripe** for donations, successfully raising **over $1000**.

LEADERSHIP & ACTIVITIES

Students For Refugees – Head Developer — **August 2023 – Present**
- Manage the **Google Nonprofit Workspace**, overseeing user account creation, drive management, and overall administration of Google Workspace services, including access control, data storage policies, and app integration.
- Organized and supervised **10+ multi-branch events** in the Houston metropolitan area, including food drives, health fairs, and mental health awareness campaigns for refugees.

Muslim Students Association — **Aug 2022 – Present**
- Raised **$45,000+** for **Islamic Relief charity** by organizing charity auctions and hosting bake sales, with funds specifically allocated for medical equipment for children who lost a limb.
- Participated in community service events such as food deliveries in Bryan, The Big Event, and other local service activities.