Elyas Belkhir

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EDUCATION

The University of Texas at Dallas   Richardson, TX
B.S. in Computer Science, 3.4 GPA   Expected Graduation: Dec 2024

- **Organizations:** Association of Computing Machinery
- **Relevant Coursework:** Data Structures & Algorithms, Operating Systems Concepts, Database Systems, Systems Programming (UNIX), Computer Architecture

SKILLS

Languages: Java, Python, C/C++, JavaScript, SQL
Tools & Frameworks: AWS, Git, Docker, Linux/Unix, Flask, Django, React, Azure, Heroku, Firebase
Certifications: AT&T 2023 Technology Academy, MTA Java, MTA Software Development Fundamentals

EXPERIENCE

iCode | *Technical Lead*, Wylie, TX   Sep 2023 – Present
- Troubleshooted and optimized VEX robotics setups, enabling students to construct and program robotic systems
- Assisted a class of students with robotics allowing for problem-solving techniques and creativity in the classroom
- Collaborated effectively with fellow instructors and showcased excellent communication skills essential for assisting and comprehending student needs

AT&T | *Technology Academy Externship*, Remote   Jul 2023 – Aug 2023
- Gained exposure to Agile Methodologies navigating both scrum/kanban frameworks for efficient development
- Acquired a deep understanding of cloud computing architecture and use cases.
- Demonstrated proficiency in machine learning and RESTful services through courses

Walmart | *Front End Services Associate,* Wylie, TX   Jul 2020 – Nov 2020
- Troubleshooted self-checkout POS systems, gaining firsthand experience with user-focus interface design
- Coordinated and planned with coworkers to efficiently complete tasks and raise team morale
- Provided guidance and support to customers developing skills in customer service needed in client-facing roles in tech

PROJECTS

Census Salary Prediction REST API
Python, Flask, AWS, Docker, Pandas, Scikit, Git
- Trained a machine learning model leveraging U.S census salary data using 30,000+ records
- Utilized Pandas for data manipulation and Scikit-Learn for model training achieving a prediction accuracy of 84%
- Developed a REST API designed to handle JSON requests built with Flask and tested with Postman
- Containerized with docker and deployed through AWS EC2 allowing for under 300ms API calls on the web

My Game List
Python, Django, JavaScript, HTML, CSS
- Created a Web application that allows users to keep a list of games they've played, date played, and game rating
- Utilized Django to create data models, serialize models, and create views for the data
- Built a REST API using Django REST Framework capable of handling GET, POST, and DELETE requests
- Implemented HTML/CSS page with bootstrap listing all entries and JavaScript functionality to incorporate API requests straight through the UI

Portfolio Website
React, CSS, GitHub Pages
- Engineered a dynamic portfolio website using React demonstrating component-based architecture
- Implemented client-sided routing to deliver a single-page user experience spanning differently rendered content
- Published through GitHub pages and available on the web with CI-CD in mind

ACTIVITIES AND AWARDS

- **Academic Excellence Scholar**, Earned scholarship for academic performance
- **Men's Volleyball Club Co-Founder**, Collaborated with coaches to establish a volleyball club for high school students