

Elyas Belkhir

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Education

University of Texas at Dallas

Bachelor of Science in Computer Science

Dec 2024

Relevant Coursework: Data Structures & Algorithms, Operating Systems Concepts, Database Systems, Systems Programming (UNIX), Computer Architecture

Activities: ACM, Google Developer Student Club

Skills

Languages: Java, Python, JavaScript, HTML/CSS, SQL

Tools & Frameworks: Git, Docker, Linux, Node.js, Heroku, Azure, Agile, Firebase, Postman

Certifications: AT&T 2023 Technology Academy, MTA Java, MTA Software Development Fundamentals

Work Experience

AT&T | Technology Academy Externship; Remote

Jul 2023 – Aug 2023

- Attained exposure to Agile Methodologies navigating both scrum/kanban frameworks.
- Acquired a deep understanding of industry standards in cloud computing.
- Demonstrated proficiency in machine learning and RESTful services.

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, Pandas, Scikit, Azure, Git, Postman

Aug 2023 – Aug 2023

- Trained a machine learning model leveraging U.S census salary data achieving a prediction accuracy of 84%.
- Utilized Pandas for data manipulation and Scikit-Learn for model training, optimizing for best performance.
- Developed a REST API designed to handle JSON requests built with Flask and tested with Postman.
- Deployed through Microsoft Azure implementing cloud-based performance.

My Game List | Python, Django (Django REST Framework), JavaScript, HTML/CSS

Nov 2022 – Feb 2023

- 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 | HTML/CSS/JavaScript, GitHub Pages

Nov 2022 – Nov 2022

- 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.
- Styled website using Bootstrap's CSS library to create a responsive design.
- Published through GitHub pages and available on the web with CI-CD in mind.

Discord Message Bot | JavaScript, Node.js, Heroku

Nov 2022 – Nov 2022

- Implemented discord bot with Node.js to use message commands in servers.
- Utilized discord.js library/documentation to achieve slash command functionality through functions.
- Deployed and hosted bot using Heroku to keep bot activated 24/7 using a server.

Leadership & Activities

Volleyball Club Founding Member | Wylie, TX

Nov 2021 – Mar 2022

- Co-Founder of the men's volleyball club at my high school attending meetings with coaches.
- Played in official high school games against other district teams as well as scrimmages showcasing and building teamwork.