Yazeed Omer Eldigair

Abu Dhabi, United Arab Emirates · yazeed.eldigair@gmail.com · 00971508193920 ·
github.com/yazeedld · yazeedeldigair.netlify.app · linkedin.com/in/yazeedld

Education

Abu Dhabi University   Abu Dhabi, UAE
BS in Computer Engineering *GPA: 3.93/4.00*   September 2017 - June 2021

Experience

Tasweiq LIMITED   Abu Dhabi, UAE
Software Engineer   August 2021 - Present

- Built stable and maintainable codebases for the startup using React.
- Developed a Chrome extension to scrape LinkedIn profiles and instantly export the data to an Excel file.
- Automated customer data collection by developing a web scraping tool using Python and Selenium.
- Increased time efficiency of data collection at the company by 300%.
- Managed UI design of the platform done in Figma.
- Built and maintained communication channels with potential vendors.
- Constructed a detailed RFP project document.

Tasweiq LIMITED   Abu Dhabi, UAE
Software Architect   June 2021 - August 2021

- Architected entity-relationship diagrams for a customers database and a merchants database.
- Populated the database with an extensive amount of data and imported the data to MySQL.

Skills

Technologies:	HTML5, CSS3, Bootstrap, Python, JavaScript (ES6+), PHP, React, Node, Express, PostgreSQL, MySQL, RESTful APIs, Chrome Development, Git/Github, MATLAB, Linux
Languages:	English (Fluent), Arabic (Native)

Projects

Face Detection App | Website | Github
Built with React and integrated with Node.js & Express.js using REST for backend routing, user authentication, and database management. Deployed frontend, backend and PostgreSQL database on Heroku. This web app detects faces in images using Clarifai's machine learning API.

LinkedIn Profile Scraper | Github
A Chrome extension built with VanillaJS and integrated with a local Node.js server that uses SheetJS for exporting data. This extension exports information from LinkedIn profiles to an Excel document.

Reacher - AI Based Teacher Assistant Robot | Presentation
Built with a ROS framework that utilizes SLAM for mapping environments and Dijkstra's algorithm to navigate them, Python's Porcupine engine for voice activation, Google's DialogflowCX for natural language processing, Python's WebSockets API for UI and backend routing, a Python-based facial recognition algorithm paired with a recommendation engine for providing personalized media content, and a CNN with multiple LSTM networks for cheating detection.

Publications & Awards

Towards Contactless Learning Activities during Pandemics Using Autonomous Service Robots
Multidisciplinary Digital Publishing Institute (MDPI)
Publication can be viewed by clicking *here*.   November 2021

IT & Computer Engineering Undergraduate Research Competition 2020
Abu Dhabi University (ADU)
Won first place participating with the *Reacher* project.   June 2021

EGA's Industrial Robots Competition 2020
Emirates Global Aluminium (EGA)
Worked with a team of engineers to build an industrial autonomous drone.   April 2021

NASA Space Apps in Abu Dhabi 2020
UAE Astropreneur Team, Abu Dhabi Space Apps
Won first place in the local NASA Space Apps team-based hackathon.   October 2020