

Diaa Ibrahim Nasr

Sharjah, UAE | [LinkedIn](#)

EDUCATION

University of Sharjah, Sharjah, UAE

2020-2024

- Bachelor of Science in Computer Science
- GPA: 3.35/4.0

TECHNICAL SKILLS

- **Computer Languages:** JavaScript, Python, C++, PHP, NodeJS, Laravel, React-three-fiber, Flask.
- **Tools & Databases:** MySQL, PostgreSQL, MongoDB, Wireshark, Nmap, Linux Basics, RabbitMQ basics.
- **Skills:** Information security, Data Structure and Algorithms, Public Speaking, Problem Solving.

WORK EXPERIENCE

Technologies LLC, *Backend Developer trainee*, Dubai, U.A.E.

April 2025 - July 2025

- Developed 2 APIs for 2 e-commerce websites.
- Developed a notification microservice using RabbitMQ.
- Tested the APIs automatically using pest.

CKR IT Consulting, *Software Developer*, Dubai, U.A.E.

June - July 2023

- Developed software that optimizes a process that reduces the speed to finish a task and eliminate the human-error.
- Demoed the application to the department.

Research Outreach Department, *Full-stack Developer*, Sharjah, U.A.E

Nov 2022 - Sep 2023

- Transferred files storage into database and used the websites to manage and manipulate the data.
- Built a website for 100k+ data, with functionalities including: mass mailing, filtering, importing and exporting data.
- Increased the efficiency of the work by a margin and reduced the budget spent on some services.

PROJECTS

HRF home, *Backend Developer*

- Developed the backend as an API for the admin and supplier dashboards.
- Improved and redesigned the database schemas.
- Tested the APIs using pest.
- Used Laravel, MySQL, and pest.
- [Website](#)

SMN food, *Backend Developer*

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- Improved and redesigned the database schemas.
- Used Laravel, and MySQL.
- [Website](#)

Dynamic Object Recognition and Annotation (D.O.R.A), *Full Stack Developer*

- Developed a website using JavaScript, React, and Flask that works on reducing the time required to annotate frames with the help of AI. This was my senior project.
- [GitHub](#).

Trash Classifier, *Software Developer*

- Built a trash classifier with a team of 5 members for our Software engineering course that uses AI and a camera to detect what type of trash is in the photo taken.
- I configured and coded the Raspberry Pi and camera.
- [GitHub](#).

My Home Library, *Full Stack Developer*

- Developing a 3D home library that stores the books you own in the real world into virtual bookshelves using JavaScript, React, React-three-fiber, and NodeJS.
- [GitHub is currently unavailable](#).

Certifications & Online Courses

- The React - The Complete Guide (Udemy)
- The Web Developer Bootcamp (Udemy)
- CompTIA Network+ (N10-008) (Udemy)
- CompTIA Security+ (SY0-701) (Udemy)
- Cyber Security 101 (TryHackMe)
- Jr Penetration Tester (TryHackMe)

Professional Membership

Google Developer Student Club, *Lead*, University of Sharjah, U.A.E July 2022 - July 2023

- Organized and managed 25 events with 1000+ attendees, topics ranging from deep learning, website development, security, and many more.
- Achieved the highest follower count for a Google Developer Student Club in the country on Instagram.
- Led the club to be the leading Google Developer Student Club in the country in numbers of events and attendees.

Google Developer Student Club, *Technical Lead*, University of Sharjah, U.A.E Sep 2021 - July 2022

- Presented an onsite workshop about Arduino with 50+ in attendance discussed the basics of coding in Arduino, and a code along project that was an object detecting robot.
- Presented an onsite workshop about Web development with 40+ in attendance discussing Authentication and the different ways of storing a password, and what is UX and what is the role of a UX designer.

