

## Contact

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(LinkedIn)

## Top Skills

Next.js  
Tailwind CSS  
Project Management

## Languages

Arabic (Full Professional)  
English (Full Professional)  
Spanish (Elementary)

## Certifications

Python for Data Science, AI & Development  
Data Science Methodology  
Databases and SQL for Data Science with Python  
What is data science?  
Data Analysis with Python

## Honors-Awards

LISC Runner up  
CHS-MUN - Best delegate award  
Royal Hackaway v6 best use of Matlab  
Royal Hackaway v6 best use of auth0  
Futur leaders: Top 3 finalists

# Harith Al-Safi

Frontend Developer | Software Engineer | Computer Engineer | AI Enthusiast  
Leeds, England, United Kingdom

## Summary

I consider myself as hard working and a passionate person when it comes to my career. As I have always had an interest in the computer world with respect to the hardware side and the software side. Some of my hobbies are bodybuilding, soccer and programming. I am a big enthusiast of linux and the open source community as I mostly use it for all of my engineering requirements. Am also a big fan of python as I mostly use it for general scripting and mathematical programming.

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## Experience

University of Leeds  
Course Representative  
October 2023 - Present (1 month)  
Leeds, England, United Kingdom

- Course representative of the Electronics and Computer Engineering
- Assisted students to deliver useful feedback to module leaders
- Managed student questions about course material and so on
- Created a community welcoming all level 3 Electronics and Computer Engineering students

Velz Travel  
Frontend Developer  
August 2023 - Present (3 months)  
London, England, United Kingdom

- Directed the frontend of a travel web app for a startup built with next.js, react.js and Typescript
- Developed UI components using Material UI following Figma design guidelines and business logic using nodejs
- Collaborated with developers using Jira whilst working on Java springboot backend with postgres and docker
- Delivered app through agile development whilst using JEST for unit testing, optimized using SSR and SEO friendly

## Johnson Controls

### Software Engineer

July 2022 - July 2023 (1 year 1 month)

London, England, United Kingdom

- Administered legacy C/C++ projects such as a project named SEE, fixing bugs and adding new features, demonstrating proficiency in C/C++ programming.
- Proposed and reengineered the legacy software SEE into a new graphical interface named JPS using C# .NET WPF, showcasing innovative thinking and project management skills.
- Developed a C# .NET library for serial data analysis generation in embedded system programs, showcasing expertise in C# development
- Invented a new scripting language called ALGO derived from C# to accelerate the development process of fire detection algorithms, demonstrating creativity and problem-solving skills..
- Designed an analytics web dashboard using React JS whilst leveraging predictive AI for security and safety applications.
- Led a team of 10 interns to end up placing in the top 3 in the Future Leaders competition, highlighting leadership and teamwork abilities.
- Participated in company-wide competitions, reaching the semifinals in the Tech challenge program, highlighting strong presentation and strategic thinking abilities.

## Paperound

### Freelance Software Developer

November 2021 - February 2022 (4 months)

United Kingdom

- Developed signal processing applications in Matlab and Python Scipy using Fourier Transform
- Designed data visualization Jupyter Notebooks with Matplotlib, Seaborn, Numpy and Pandas using Python
- Programmed a minimal REST api with nodejs Express.js and MongoDB and used PostMan for endpoint testing
- Engineered C++ libraries with DevOps using Travis-CI, GoogleTest, Docker, Cmake, Doxygen and MkDoc

## Mesopotamia Group

### Information Technology Administrator

June 2020 - March 2021 (10 months)

Amman, Jordan

- Collaborated with a team to build a local file server on Ubuntu 18.04 LTS built using Apache and Nextcloud
- Administered the system using Bash, PowerShell and Nmap with SSH tunneling and port forwarding
- Engineered a complex version using a raspberry pie, network interface card and attached storage.
- Implemented Linux networking and protocols using IP addressing and routing for cloud hosting

## CHSMUN

### Event Coordinator

September 2017 - November 2017 (3 months)

Amman, Jordan

- Organised modern united nation meetings
- Formalised professional conclusion reports after each meeting with statistical proof on each claim.
- Initiated researched debates about global issues.
- Achieved the best delegate status in the form of well researched debates and reports

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## Education

### University of Leeds

BEng with Honours, Electronics and Computer Engineering · (September 2020 - July 2024)

### University of Leeds

Foundation degree, Engineering · (2019 - 2020)

### Cambridge high school

High School Diploma, IB · (2017 - 2019)