



# AHMED MUKHTAR

+393516835151

ahmed.omer@polimi.it

Milan, Italy

## PERSONAL DETAILS

Milano  
Italy

3516835151  
ahmed.omer@polimi.it

### Date/Place of birth

28/07/1996  
Khartoum, Sudan

### Nationality

Sudanese

## LANGUAGES

- ARABIC – Native
- ENGLISH – C2
- ITALIAN – A1

## SKILLS

### Programming languages

Python, JavaScript, HTML, CSS,  
SQL.  
Skill level: good

### Word processing applications

Microsoft Word, Microsoft  
PowerPoint, Google Docs  
Skill level: good

### Spreadsheets

Microsoft Excel, Google Sheets.  
Skill level: good

### Database management systems

PostgreSQL – Skill level: good

### CAD systems

AutoCAD – Skill level: good

### Graphics

Adobe Photoshop, Adobe Illustrator  
Skill level: good

### GIS & Cartography

QGIS, R, ArcGIS, ArcGIS Pro,  
PhotoModeler, Agisoft  
Metashape  
Skill level: good

## EDUCATION

**MASTER OF SCIENCE DEGREE IN GEOINFORMATICS ENGINEERING**  
**POLITECNICO DI MILANO, Milano**

Sep 2021 – Jul 2024

**BACHELOR OF SCIENCE DEGREE IN SURVEYING ENGINEERING**  
**UNIVERSITY OF KHARTOUM, Khartoum - Sudan**

Sep 2013 – Nov 2018

## WORK EXPERIENCE

### SITE INSPECTOR, TEG Consultant Company

Jul 2020 – Jan 2021      Khartoum – Sudan

Sector: Construction / Building

- Managing the daily operations of a construction site, including regular inspections, scheduling, and budget tracking.
- Monitoring all work carried out on a construction site to ensure safety and quality standards are upheld.

### SITE ENGINEER, A&A for urban development co.LTD

Apr 2019 – Dec 2020      Khartoum – Sudan

Sector: Construction / Building

- cooperated with a team of engineers in the construction of a new bridge, ensuring that all quality and timeline requirements were met.
- Conducted site surveys and developed topographic plans to inform design decisions.

## INTERNSHIPS

### Intern, GEOLab of Politecnico di Milano

Sep 2024 – Present      Milano

## PAST PROJECTS

**Exploring crowdsourced temperature data from Milan for urban heat island analysis**

2024 – Milano

**Development of land administration systems for Khartoum state**

2018 – Khartoum