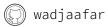
Mohamed Gafar

Software Engineer

My Website



m wadjaafar





+4917636510227

EXPERIENCE

UNIVERSITY OF BONN | STUDENT RESEARCH ASSISTANT

September 2020 - Present | Bonn, Germany

- → Part of the data management team of PhenoRob.
- → Developed and designed a File Uploader using Spring Boot and JavaScript.
- → Increased the file upload capacity from 20GB to 1TB.

FRAUNHOFER IAIS | STUDENT RESEARCH ASSISTANT

August 2020 - Present | Sankt Augustin, Germany

- → Developed and maintained web applications
- → Created a form generator from ontologies using ReactJS, JavaScript, Spring Boot and Semantic Web

SOLUS | Co-Founder - Android/iOS Developer

January 2019 - November 2019 | Khartoum, Sudan

- → Co-founded Solus. A company that offers electronic payment solutions in Sudan
- → Developed and released a mobile payment application to pay bills and make online purchases in Sudan (CashQ)

XZONE | IOS DEVELOPER

May 2018 - December 2018 | Khartoum, Sudan

- → Developed and maintained two native apps for iOS.
- → Worked with UIKit, RESTful web services, localization, CoreData, Push Notifications, Facebook AccounKit SDK, REST APIs, AVAudioEngine, WebSocket and other technologies.
- → Worked in an Agile Environment for project and team management.

ASHRAFCOM | Software Developer (Android)

January 2018 - May 2018 | Khartoum, Sudan

- → Improved and implemented new features to Morsal e-payment app.
- → Integrated Morsal app with maps and geolocation features (Markers Clustering).
- → Configured Android Point-of-Sales (POS) and integrated magnetic card readers and printers with the Android app.

GEO & INNOVATION | Software Developer (Android)

January 2018 - May 2018 | Khartoum, Sudan

- → Co-founded Geo & Innovation a company that provides GIS services.
- → Developed native Android applications using Java, Android SDK.
- → Worked with Google Maps and Places APIs.
- → Created Location-based Android apps that integrate with MySQL database using web APIs (Spring Boot).

UNIVERSITY OF KHARTOUM | TEACHING ASSISTANT

December 2016 - December 2017 | Khartoum, Sudan

- → Provided training in ArcGIS, MATLAB and aided students in presentation skills and scientific writing.
- → Collaborated with a team of faculty at weekly meetings and actively contributed new ideas on teaching.

SKILLS

PROGRAMMING

Proficient:

Java • SQL • CSS • HTML • JavaScript

Experienced:

Kotlin • Swift • C++

Familiar:

Python • C#

LIBRARIES/FRAMEWORKS

Android • iOS • React • OpenLayers • ArcGIS • QGIS

TOOLS/PLATFORMS

Git • Mayen • Android Studio • Xcode • Wordpress • Docker • CICD • LATEX • Adobe Products

EDUCATION

UNIVERSITY OF BONN

MASTER'S IN GEODETIC

Engineering Nov 2019 - Present | Bonn, DE Institute of Geodesy and Geoinformation

UNIVERSITY OF KHARTOUM

BACHELOR'S IN SURVEYING Engineering December 2016 | Khartoum, SD Faculty of Engineering Cum. GPA: 6.68 / 10

AWARDS

- Among the Best Twelves Projects in Mashrouy (My Project) Entrepreneurs Contest, British Council, Sudan (2017).
- Winner of the best graduation project in the surveying engineering department, University of Khartoum, Sudan (2016).

(https://geoidapp.github.io)