Abdiaziz Omar Hassan

Master Industrial Design

engmahir.omar@gmail.com

+86 134 29232 421

Ningbo, China

EDUCATION

M.Ps in Industrial Design Engineering

Zhejiang University

Sep 2022 - Present - 1.5 year, Ningbo, China

- Engaged in practical and theoretical learning, with a focus on Interaction Design, creating a system for storytelling for children.
- Design Manufacture: Showcased a Water Quality Monitor project, where my role was to develop and prototype an electronic device to check the pH, dirtiness, and safeness of water.
- Design Management: Led a team to propose "Africure", a system designed to help prevent and monitor malaria in developing African countries.
- Innovative Project: Conceptualized "NextStation", a service delivering meals at train stations, offering meal options available at the next stop. This project demonstrates forward-thinking and innovative design approach.

M.Sc. in Information Security Engineering

Anhui University of Science and Technology

Oct 2019- Jun 2022 - 3 years, Huainan , China

- Specialized in Process Mining and Data Mining, gaining expertise in forecasting market trends and customer preferences.
- Learned to develop strategies for bundling products based on customer buying patterns, enhancing marketability and sales potential.

B.Sc. in Telecommunication Engineering

Hormuud University, Mogadishu , Somalia

Sep 2014 - Jul 2018 - 4 year, Mogadishu , Somalia

- Studied comprehensive courses in Telecommunication Engineering, including Wireless Communication, Sterlite, and Data Communication.
- Acquired a solid foundation in various aspects of telecommunications, preparing for advanced applications in the field.

High School

Al Salam Primary And Secondary School

Sept 2011 - Jul 2014 - 3 years, Mogadishu , Somalia

Consistently excelled academically, achieving the Top 1 student award consecutively for three years.

Industry Knowledge

Product Design

User Interface

User Experience

Interaction Design

Rapid Prototyping

Design Research

Circuit Design

Tools & Technologies

Figma, Shapr3D, Eagle, Fusion 360, Proteus, Google Analytics

Other Skills

Python, C# , Arduino, HTML, CSS, jQuery, Data Mining, Data Analysis, SQL

Languages

Somali (native)

English (professional)

Arabic (Second Language)

Chinese (Beginner)

Social

https://www.facebook.com/bincmar

linkedin.com/in/abdiaziz-omar-hassan-359745b4

https://github.com/mohsn01

Moh_MahirOHssn

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EXPERIENCE

International Trader

Self

Jan 2021 - Present - 3 year, Ningbo, China

- Specialized in the global trade of Home Equipment, Women's Fashion, Accessories, and Shoes.
- Managed supply chains for major clients including the UN, DRC, UNHCR, and local NGOs.
- Demonstrated expertise in negotiation, logistics, and compliance with international trade regulations.

Market Analyst

Amtel LTD

July 2019- Sept 2019 - 2 Month, Mogadishu, Somalia

- Conducted comprehensive market analysis to identify trends and opportunities in Mogadishu.
- Played a key role in product promotion, contributing to enhanced market visibility and brand awareness.

Internship

Hormuud Telecom

Jul 2016 - Sept 2016 & Jul 2017 - Sept 2017 - (4 months total), Mogadishu, Somalia

- Collaborated with various engineering departments, including Wireless and Transmission, on new site development and troubleshooting existing site issues.
- Gained hands-on experience in site build-outs and resolving technical challenges in a fast-paced telecom environment.

Awards

Hormuud University

2 Oct 2018, Mogadishu , Somalia

Outstanding Performance In An Innovation

AUST

26 Dec 2019, Huainan , China

Participate At Graduate Forum Submit In School Mathematics And Big Data

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PROJECTS' AND PUBLICATION

Academic Projects

Interactive Story Telling for Kids

Zhejiang University

Sep 2023 - Jan 2024- 4 Month, Ningbo China

Created an engaging interactive storytelling experience designed to educate children about environmental awareness through captivating stories.

IoT Water Quality Monitor

Zhejiang University

Sept 2022 - March 2023 - 7 Month, Ningbo China

Developed an IoT system for real-time water quality monitoring, ensuring water safety for consumption and recreational activities.

Product Recommendation System Using PySpark

Anhui University of Science and Technology

Sept 2021- May 2022 - 9 Month, Huainan, Anhui China

Built a product recommendation algorithm for Taobao using PySpark, focusing on big data analytics and machine learning.

Smart Home Automation IoT Project

Hormuud University

Sept 2017 - Jun 2018 - 10 Month, Mogadishu , Somalia

Implemented a smart home automation system, highlighting capabilities in IoT connectivity and automation solutions.

Radar System Using Arduino

Hormuud University

Sept 2017 - Apr 2018 - 8 Month, Mogadishu , Somalia

Created a functional radar system, demonstrating skills in hardware interfacing and signal processing.

Human Pulse Rate Indicator via GSM Using Arduino

Hormuud University

Sept 2017 - March 2018- 7 Month, Mogadishu , Somalia

Engineered a GSM network-based system to measure and transmit human pulse rate data using Arduino.

Academic Publication

1. Implementation Of A Collaborative Recommendation System Based On Multi-Clustering
2. Navigating Uncertainty: How Covid-19 Is Shaping The Stock Market
3. Behaviour Profile On Social Media: TikTok And QQ
4. Simplified Data Processing For Large Cluster: A MapReduce And Hadoop Based Study, Advances In Applied Sciences
5. Machine Learning Based Analysis On Human Aggressiveness And Reactions Towards Uncertain Decisions

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