

Bassam Abdulrahim

Computer Science

Personal Info



Address

Riyadh



Phone

+966553145230



Email

Bassamalim@outlook.com



Personal Website

bassamalim.me



Skills

Android Development

Back-end Web Development

Data Science & Machine Learning

Programming:

Java | Python | Kotlin | C

SQL

Cloud Computing

Data Structures

Algorithms

Microsoft Office

Problem Solving

English

Soft Skills

A dedicated senior Computer Science student at King Saud University, interested in Android Development and Data Science and excels in programming. I am eager to apply my knowledge and skills in a real world setting.

EDUCATION

2019 -

Expected 2023

King Saud University

Bachelor degree in Computer Science

Current GPA: 4.74

CERTIFICATES

Applied Data Science with Python Specialization



Provided by SDAIA, authorized by the University of Michigan and offered through Coursera.

Includes the courses:

- Introduction to Data Science in Python
- Applied Plotting, Charting & Data Representation in Python
- Applied Machine Learning in Python
- Applied Text Mining in Python
- Applied Social Network Analysis in Python

Machine Learning Specialization



Authorized by DeepLearning.AI, Stanford University and offered through Coursera.

Includes the courses:

- Supervised Machine Learning
- Advanced Learning Algorithms
- Unsupervised Learning

Neural Networks and Deep Learning



Provided by SDAIA, Authorized by DeepLearning.AI and offered through Coursera

Programming in C++



The Deanship of Student Affairs, King Saud University (20 hours)

Technologies and libraries I worked with

Android Development:

Jetpack Compose

Dagger Hilt

Firebase

XML

Web Development:

Docker

FastAPI

Data Science and Machine Learning:

Numpy

Pandas

Scikit-learn

TensorFlow

Keras

Cloud Computing:

Amazon AWS

Microsoft Azure

Google Cloud Platform

PROJECTS

AirAware

A machine learning project that predicts flight delays in Saudi Arabia, Includes many components such as a Web application and a native Android application allowing users to access the machine learning model service.

It is a group project (graduation project).

URL: air-aware.com

Hidaya

A native Android app originally developed with Java and XML, then migrated to Kotlin and Jetpack Compose, using MVVM architecture, Dagger Hilt, and many other technologies.

Around 15k lines of code, 2000+ users.



Ser

A native Android app that allows you to encrypt and decrypt text and files using AES and RSA, it also includes a public repository for users to share their public keys.



Date fruit image classification using Deep Learning



KSA_Map

A windows application implemented using Python, with an interactive map GUI, it solves the Traveling salesman problem for 153 cities in Saudi Arabia using the algorithms: Breadth First Search (BFS), Uniform Cost Search (UCS), Iterative Deepening Search (IDS), Greedy Algorithm, A star Algorithm, Hill Climbing, Simulated Annealing, Genetic Algorithm.



Other projects on GitHub