

Muaz Hassan

syedmuazhassan@gmail.com | Availability: IRL|Remote & Part-time

EDUCATION

SOUTH EAST TECHNOLOGICAL UNIVERSITY

MSC-COMPUTING (ENTERPRISE SOFTWARE SYSTEMS)
Sep 2022 - June 2023 | Waterford, IRL

INSTITUTE OF SPACE TECHNOLOGY

BS-ELECTRICAL ENGINEERING
Sep 2018 - July 2022 | Islamabad, PK

LINKS

LinkedIn:// **Muaz Hassan**
Github:// **Muaz Hassan**

COURSEWORK

POSTGRADUATE

Agile Software development
Cloud Architecture
Business Intelligence
Mobile App Development
Web Development
User Experience and Design

UNDERGRADUATE

Programming Language
Digital Logic Design
VLSI Design
Embedded Systems
Computer Networks
Engineering Management

SKILLS

PROGRAMMING

Over 50000 lines:

- Swift

Over 5000 lines:

- Python • Kotlin • C++

Familiar:

- iOS • Android
- Web • REST API
- MATLAB • HTML/CSS
- JavaScript • Django
- Firebase • AWS
- Heroku • Railway
- TDD • CI/CD
- GitHub/Git

HOBBIES

- Gaming • Trekking
- Photography • Football

EXPERIENCE

INDIE DEVELOPMENT | IOS ENGINEER

Oct 2021 - Sep 2022 | Islamabad, PK

- Creating iOS Applications from UX/Design to App Store publication

VYRO | RESEARCH AND DEVELOPMENT ENGINEER (IOS)

Sep 2020 - Sep 2021 | Islamabad, PK

- Developing features from scratch
- Working with images and using existing libraries for the development
- Collaborating with the development team for the integration of modules
- Fixing bugs and ensuring app stability

PAKISTAN SCIENCE FOUNDATION | JR. SCIENTIST

Jan 2015 - Jan 2017 | Islamabad, PK

- Worked on different radiometric dating methods

PROJECTS

COLLAGE HUB | APPSTORE LIVE

Designed and developed the whole app from scratch.

Available for iPhone, iPad, and Mac.

Collage Hub | 40+ reviews globally

PROJECTS | SIMULATOR APPS

- **FYP | MS**: Big data-driven agricultural software system
- **FYP | BS**: Early detection of breast tumor using machine learning techniques
- Meister App (With Firebase and Realm support) - **Github**
- Fitness Tracker App (Deployed on Railway, DB: Postgres) - **Github**
- More
- Auto-scalable ToDo Application Instance backed by AWS RDS
- Serverless Architecture with AWS Lambda, SQS, Dynamo, and API Gateway
- MEME Maker
- GitHub Pro App (Access Github but via App, Part of Sean Allen course)
- Binary Segmentation App (Predict if the input is cat|dog)
- Photo Editor App (Using GPUImage to apply Shaders/Filters)
- HotDog classifier App (Predict if input image is hotdog or not)
- ML classifier App (Predict if the input is cat|dog|rabbit)
- Flower classifier App (Predict the type of flower)
- Drone Detector App (ML Model detecting and centering drone in real time)
- Background Changer App (Integration of Person Segmentation model)
- Lazer eyes App (Detect pupil via ML model and get bitcoin maxi eyes)
- Twitter ML mood App (Run through given keyword, project general notion)
- AR ruler App (Distance between two points in real life environment)
- AR Dice App (Roll dice but in augmented reality)
- Quiz App
- Gallery App
- Weather App
- Calculator App
- Hack News App (Integration of API to fetch front page news)
- Coin price App (Integration of API to fetch price of coin in multi-currencies)