

LEILA ABDELRAHMAN

AI Researcher and Software Engineer. AI Researcher and Software Engineer. Growing the world's next generation through user-friendly, engaging products.

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leilaabdel.com

Google Scholar Profile

github.com/leilaabdel

EXPERIENCE

Sales Operations Analyst

Fortinet

October 2022 - Present

Miami, FL

- Working on a PO Tracker tool with MongoDB backend and Javascript/HTML user interface.
- Harnessing APIs to parse Salesforce to gain business insights.

Computer Vision Researcher

Massachusetts General Hospital

June 2022 - August 2022

Boston, MA

- Working with TensorFlow on Deep Learning for low count MR-PET Neuroimaging reconstruction.
- Collaborating with Radiologists and Physicists to create a clinically-viable imaging product.

Full Stack iOS Engineer

Quranic

October 2020 - Ongoing

Online

- Working with Firebase back-end and Swift front-end to create an interactive app for learning Quranic Arabic.
- Leading the team on implementing a geographic prayer time calculator and reminder feature.
- Implementing designs from graphic designers and led the team on a group chat feature for discussing Quran.

PROJECTS

MyNotes Flutter App

A Full Stack Flutter App for Keeping Track of Notes

September 2022 - Ongoing

Online

- Working with SQL Light and Firestore to create a cross-platform note-keeping app
- Implementing BLoC to improve communication between UI and the data layer.

Multimodal Deep Learning for Breast Cancer Neoadjuvant Therapy Outcomes

Master's Thesis Work

March 2021 - April 2021

Online

- Worked on creating a multimodal algorithm that combines imaging and clinical data to predict breast cancer patient outcomes.
- Showed how statistical models combined with 3D LSTMs can outperform baseline algorithms.
- Successfully defended [thesis](#) in April, 2021

TECHNICAL SKILLS

Python

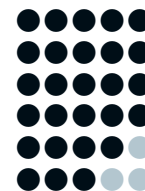
TensorFlow/Keras

LaTeX

Swift

Google Cloud

Flutter



SOFT SKILLS

Problem Solver

Optimistic Influencer

Organization

Flexibility

Public Speaking (see my TED-X talk)

Work Under Pressure

Task Delegation

ACCOMPLISHMENTS

Cloud Digital Leader

Google Cloud Platform

2022

University of Miami MS Merit Scholarship

Merit Scholarship

2020

Associate Cloud Engineer

Google Cloud Platform

2020

EDUCATION

M.S. in Electrical and Computer Engineering - Artificial Intelligence

University of Miami

May 2021

B.A. in Chemistry

University of Miami

May 2020