

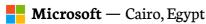


(+20)1112353576

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Technical Experience



June 2020 - Present

Software Engineer (Contract), Document Knowledge Extraction team.

Building and evaluating models for the document understanding backend of Bing, LUIS & MS Machine Translation.

Qurba — Alexandria, Egypt

June 2019 - October 2019

Software Engineer (Backend), gurba.io

Built qurba.io's sponsorship engine to tune ad impressions for different billing models using NodeJs, Joi & Mongodb. Built qurba.io's trending algorithm using Mongodb's aggregation framework using a history based z-score.

Yelp — Hamburg, Germany

July 2018 - October 2018

Software Engineering Intern, Business Growth team

Merged two main flows on biz.yelp.com to reduce technical debt & provide consistent UX for business claims while working closely with the product management team.

Pioneered the use of a different logs infrastructure to run a resource heavy A/B experiment on yelp's most visited page.

Ionite — Alexandria, Egypt

October 2017 - January 2018

Software Engineer (Backend)

Made the product support multiple clients by implementing single-database multi-tenancy for our Rails API. Implemented and tested a GraphQL backend for a real-time workplace attendance tracker.

Lynks.com (YC W'16) — Alexandria, Egypt

August 2017 - September 2017

Software Engineering Intern

Revamped the website's ordering experience for resellers to involve fewer emails, clicks and savable user preferences.

Languages & Technologies: Python (and ML prototyping tools), Javascript (and Nodejs), Ruby on Rails, C, and SQL.

Education

Faculty of Engineering, Alexandria University

September 2014 - June 2019

BSc., Computer Science and Electrical Engineering. 3.45 GPA.

Graduation Project: a crowdsourced dictionary ☑, dataset and model for Egyptian sign language machine translation.

Projects

Radiology Abnormality Detection

A Pytorch classifier trained on MURA dataset benchmarking densenet-169, resnet and inception v3 architectures.

Sick Assembler

An assembler built using Rust programming language

Publications

Arabic Dialect Identification with Deep Learning & Hybrid Frequency Based Features

Youssef Fares, Zeyad El-Zanaty et al. Proceedings of the Fourth Arabic Natural Language Processing Workshop