

# Adham Abdelwahab

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## Summary

A curious Software developer with limitless ambition and a keen eye for detail. Worked with Backend and Frontend Like Django , Node, React , React Native and other relevant tools.

## Education

### Networks Engineering | German University in Cairo | 06/2022 | Cairo

Bachelor Project: Developing a Backend for an ERP Web App using Django and integrated with a React frontend and deployed over AWS

Project Grade: A+

GPA 2.2 , "VERY GOOD"

## Work Experience / Projects

### Frontend Developer | 08/2022 - Present | EJADA Systems | Cairo

- Joined a React Native Typescript project for the Saudi Arabian Ministry of Justice
- Building core functionalities while integrating with business REST API
- Integrating mobile app with existing web App
- Implementing UI while maintaining business needs
- Communicated with team members to share ideas and seek experience from seniors

### Django Backend Developer Intern / Part-time | 08/2021 - 12/2021 | German University in Cairo

- Developed and maintained Django Backend RESTful API code base.
- Added new features based on customer needs.
- Integrated with React Frontend.

### Technical Support Engineer Intern | 12/2021 - 03/2022 | WinFi | Cairo

- Supported clients remotely and onsite when needed to troubleshoot and fix network issues.
- Surveyed, planned and installed network components on site.
- Secured public networks by adding firewall rules.

### Linux Restaurants App Environment

- Simulated a real life linux server environment for a project.
- Created users and assigned them in relevant groups.
- Managed users hierarchy and permissions on files.
- Developed a simple script to automate tasks.

### YelpCamp Project

- Developing a personal project for camps reviews in Egypt among travellers.
- Using Node, Express, and MongoDB then the final app will be deployed over Heroku.

### Machine Learning Project

- Applied Dataset handling techniques to set it up for Machine Learning.
- Applied Machine Learning techniques such as: KNN, Kmeans, Clustering and more.
- Learned how to create ML functions from scratch.

### Churn Analysis

- Used python to predict Telecom company client churn probability.
- Used Pandas, Numpy and graphing libraries to plot results.
- Applied basic probability techniques to predict outcome.

### **AES Encryption Algorithm Implementation**

- Used python to create AES encryption from scratch.
- Tested the code by encrypting files and comparing them to encryption tools.

### **CS4 Game project**

- Implemented a 2D game using Java
- Applied solid understanding of OOP
- Created a UI using Swing library

## **Technical Skills**

React.js, React Native, Typescript, Javascript, Python, Bootstrap, Express, HTML, CSS, Django, Node, MongoDB, Linux, AWS Solutions Architect, Problem Solving, Communication skills, Time management

## **Courses**

The Web Developer Bootcamp 2022 Udemy, Linux Redhat RH124, AWS Solutions Architect, Complete React Developer in 2022 (w/ Redux, Hooks, GraphQL), Complete React Native Developer in 2022