

# Karim Sonbul

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in Karim Sonbul

## Software Engineer

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🔑 Sonbul001



### EDUCATION

**Bachelor's Degree, Cairo University**

September 2019 –

**GPA: 3.51**

September 2023

Cairo, Egypt

- Learned basic programming concepts as well as complex concepts such as algorithms and data structures.
- Participated in many software development projects with diverse multidisciplinary teams and using different programming languages such as Java, C++, Prolog, Python, Java EE, HTML, CSS, JS, React, Angular, Java SpringBoot, MySQL.

### PROFESSIONAL EXPERIENCE

**Web Developer Intern, RadicalX** ✉

September 2022 –

November 2022

Cairo, Egypt

- Worked with 9 people to deliver reusable and responsive web components using React, HTML, CSS and JavaScript in an Agile environment.
- Aided in the design & implementation of the application user interface.
- Documented and helped refactor the source code of the application.

**Data Analyst Intern, Technocolabs Softwares**

September 2022 –

November 2022

Cairo, Egypt

- Was a part of a multidisciplinary team of 20 people assigned to deliver a fully optimized dataset using pandas and Machine learning models.
- Analyzed more than 40 features to determine the most significant one for the desired output.

**AI Research Intern, NajahNow** ✉

November 2022 –

October 2022

Cairo, Egypt

- Teamed with 5 amazing individuals to research about sentiment analysis to predict mental issues from Arabic written text.
- Was deeply involved in writing about BERT transformers.
- Was able to achieve a high accuracy percentage of more than 90% when using the model.

### SKILLS

React

Angular

HTML5

CSS3

JavaScript

PHP

Java

Spring Boot

SQL

Linux

Version Control (Git/Github)

API

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## PROJECTS

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### Apprenticeship Site, *React*

- RadicalX internship project where i worked with 9 individuals to meet the client's requirements.

### Click Website, *HTML, CSS, JS, PHP*

- A simple HTML5, CSS3, JS, PHP and MYSQL solo project that shows an electronics ecommerce website.

### Phonebook App, *HTML, CSS, PHP*

- A phonebook web app using basic frontend and backend with no frameworks

### Genetic Algorithm, *Java*

- Was aided by 2 individuals to create a simulation of the genetic algorithm with a simple user interface.

### UberLike Web App, *Java*

- Used Java Spring Boot to create an uber clone whose functions are exposed as microservices.

### Intelligent Search App, *Prolog*

- Prolog project which was used to learn more about Artificial Intelligence concepts such as intelligent agents, lists, uninformed search and informed search.

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## CERTIFICATES

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### ISTQB Certificate

*Foundation Certificate in Software Testing*

### Redhat Academy Attendace Certificate

*Red Hat OpenShift I: Containers & Kubernetes (DO180)*

### Introduction To HTML5

*Coursera*

### Embedded Systems Certificate

*MSP tech club Cairo University*

### Web Development Challenger Track

*Udacity*

### Redhat Academy Attendance Certificate

*Red Hat Application Development I: Programming in Java EE (AD183)*

### Introduction To CSS

*Coursera*