

# Sarah Mohamed Saad Eldawody

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## PERSONAL STATEMENT

I have over 2 years of experience working in Software and Web Development industry. I've worked as Software Engineer , implementing software and web applications for clients by using .Net Technologies and MEAN Stack Technologies. I'm also developing my skills in data science and machine learning field.

## EDUCATION

- Bachelor's degree in Computer Science from Ain Shams University  
Class : 2015  
grade : good
- High School Certificate  
Ajyal Al Ma'arfa High School  
Grade: 96% (math section)

## EXPERIENCE

- Freelancer Data Scientist  
2018 - Present
- Freelancer Software Engineer  
2016 - Present
- Software Engineer at **Nebras Technology**  
2015 - 2016

## AREAS OF INTEREST

- Web development: .Net and MEAN Stack
- Desktop Applications : Using .Net Framework (C#)
- Software Engineering
- Data Science and Data Analysis (Using Python)

## QUALIFICATION

**Programming Languages** : C/C++, C#, python ,HTML , CSS, JavaScript, JSON

**Frameworks & Libraries**: ASP.Net, JQuery, AngularJS, NodeJS, ExpressJS, Entity Framework, Bootstrap, AJAX  
Python Libraries : Pandas, Numpy, Matplotlib, Seaborn, SciPy, Scikit-learn, BeautifulSoup, Selenium, tweepy, TextBlob

**Concepts**: OOP, Computer Security, General Algorithms, Data Structures, Object oriented, Data Analysis, Data Science, Data Visualization, Data Wrangling, Data Cleansing ,Machine Learning, Natural Language Processing, Deep Learning, Neural Network, Database Design, UML Modeling, Big data , Software Engineering, MVC, MVVM.

**Database**: MS SQL Server, MS Access, MongoDB, PostgreSQL

**Tools**: Microsoft SQL Server , Microsoft Office , Kendo UI , Telerik Reporting , Microsoft Visual Studio , Adobe Dreamwaver , Adobe Photoshop

## PERSONAL SKILLS

Problem Solving , Critical Thinking , Team Worker , Time Committee , Hard worker , Work under high pressure , Self-learning , presentation and Documentation skills

## PROJECTS

***Graduation Project: Big data Management System(Java):***

- Aims to develop computer software that Handle storing big data in database.
- Handling 2 Vs of the dimensions of big data (Volume and Variety) of Big Data and has its own Query Language .

**2014-2015**

**HTTP Protocol (C#)**

**Map Routing and shortest Paths Detection (C++)**

**College Web Site (ASP.NET MVC5 ,HTML ,CSS , JavaScript)**

**Matrices Calculator (C++)**

**Decision Support System for distribution of medicines in pharmacies (SQL Server and C# DESKTOP)**

**Attendance Desktop Application (C# , SQL Server)**

**Library Desktop Application** (C#, SQL Server)

**Restaurant Desktop Application** (C#, SQL Server)

**OS platform Linux** (C)

**Search Engine Desktop App** ( Python)

**Search Engine on Web with Web Crawler** (C#, MS SQL Server , ASP.Net)

**School Management System** (ASP.Net MVC , Kendo UI , Telerik Reporting and MS SQL)

**Dentalore Cloud** (ASP.Net MVC C# , Kendo UI , Telerik Reporting , JQuery , Javascript , AJAX , JSON , HTML , CSS , Bootstrap , Font Awesome , MS SQL , Entity Framework Code First)

**Gem Store System Web Application** ( HTML , CSS , Javascript , AngularJS(Using Http Srvce ) , Bootstrap)

**Video Portal** (MEAN Stack)

**Scraping Youtube Channels content** (Python BeautifulSoup)

**Analyzing Titanic Dataser** (Python)

**Analyzing Bus Tracking Data and Generating Reports with Insights from this data** (Python)

**Analyzing Trump Tweets and Applying Sentiment analysis to them** (Python)

**Writing Data Science with Python Tutorials**

**Writing Articles in Data Science and Programming Sector in Arabic and English**