

## PROFESSIONAL SUMMARY

- experience using Python and relational databases.
- Technical skills: Python, C#, C++.
- experience in writing SQL, Oracle.
- good knowledge in html, CSS.
- Strong knowledge and experience working with Data Structure, Algorithms, Optimization.
- Knowledge of JavaScript
- development knowledge of object-oriented programming.
- Working knowledge of object-oriented analysis, software architecture and design best practices.
- Troubleshooting and debugging techniques.
- Knowledge of Git.
- Pragmatic engineer who actively avoids over-engineering of solutions and understands how to maintain high-quality code in a delivery-focused environment.
- Knowledge of industry standard software best practices , development lifecycle processes , and Agile and SCRUM methodologies.
- Desire to work in a respectful, transparent, and collaborative work environment, following Hotjar's company values, culture and ways of working.
- Advanced spoken and written English skills.
- An ambitious, energetic, bold, accountable, self-driven and a fast learner.
- Ability to learn new software and technologies quickly.
- Solid understanding of mathematical and statistical modeling.
- experience with the machine learning cycle, from development and training to deployment and re-training.

## EDUCATION AND CERTIFICATIONS

**Bachelor of Science**, *computer science*, Cairo University | anticipated graduation Nov 2022

Data Analytics Virtual Experience, Accenture.

Google Data Analytics, Google.

Improving Neural Networks: Hyperparameter Tuning, Regularization and Optimization, DeepLearning.AI.

Neural Networks and Deep Learning, DeepLearning.AI.

Database Fundamentals, ITI.

Introduction to SQL Server, DataCamp.

Data Manipulation with pandas, DataCamp.

Introduction to Python, DataCamp.

Introduction to Relational Databases in SQL, DataCamp.

Joining Data in SQL, DataCamp.

Intermediate Python, DataCamp.

Introduction to SQL, DataCamp.

## PROFESSIONAL EXPERIENCE

**Backend developer intern, TIT in Agriculture Bank**

- solved many issues related to html, CSS, bootstrap, C#.
- handle customer issues.
- dealing with database in agriculture bank.

**Data Analytics intern, Accenture**

- Defined problem and requirements of the clients
- Cleaned data from any missing or wrong values and used data queries for modeling data.
- Visualized and extracted story from data
- Presented insights to the Client

**titanic analysis project, kaggle**

- visualized to data with python
- analyzed data with python
- Implemented machine learning models for prediction with python

**supermarket sales analysis project, kaggle**

- Cleaned data from any wrong or missing values.
- Implemented data analysis and data visualization.

**SKILLS**

Html	SQL	Python	CSS	C#	ASB.net
Problem Solving		bootstrap		Oracle	Java

**EXTRACURRICULAR & ACADEMIC ACTIVITIES****BCG Virtual Experience Program (2020) - (20 hours)**

Participated in the open access BCG Virtual Experience Program with Forage

**Modules Completed**

- Business Understanding & Hypothesis Framing
- Exploratory Data Analysis
- Feature Engineering & Modelling
- Findings & Recommendations