



**Abdelhamid Khamis**  
INDUSTRIAL ENGINEER

## SUMMARY

Detail-oriented, Self-starter & Recent Graduate with a Bachelor's Degree in Production engineering, and knowledge of Supply Chain & Operations Analytics, Business Intelligence and Lean Production, with hands-on experience of Data Analytics and Data Visualization modern tools. Successfully completed the Advanced data analysis Nanodegree Program by Udacity and egFWD.

## CONTACT

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Agami, Alexandria, Egypt

## LANGUAGES

- **Arabic** – Native Proficiency
- **English** - Professional working proficiency (B2.b)
- **German** - Elementary proficiency (A2.1)

## EXPERIENCE

### DATA SCIENCE RESEARCHER, OMDENA

AUG 2021 – PRESENT

Selected for the Omdena Egypt Local Chapter Project, to be among the selected collaborators working on the challenge "AI Techniques to Reduce the Wasting of Freshwater".

### REAL ESTATE AGENT, EL SHROUK REAL ESTATE INVESTMENT

MAR 2019 – AUG 2019

Selling Commercial Areas to Organizations such as Banks, Hyper Markets, Medical Centers and Hospitals, this included sending proposals, giving presentations, arranging site visits, following up, creating lists of contacts, managing the company's interaction with their clients and the society.

### TRAINEE, TITAN CEMENT EGYPT

JUL 2019 – AUG 2019

Attended Students Development Program developed by TCE

### L'ORÉAL BRANDSTORM 2019 NATIONAL FINALISTS, L'ORÉAL EGYPT

OCT 2018 – MAR 2019

Our three-member team qualified for the national finalist in the L'Oréal Brandstorm 2019 competition with our smart app as a solution to L'Oréal's active cosmetics department to develop the future skincare experience for health-conscious consumers.

### TRAINEE, EGYPTIAN COPPER WORKS

AUG 2018 – SEP 2018

Trained in Manufacturing Techniques and Forming processes.

### THE ENTREPRENEURSHIP IDEATION PARTICIPANT, MCSBE, ABA & CDCE

JAN 2018 – FEB 2018

Participated at THE ENTREPRENEURSHIP IDEATION in Alexandria, Had the opportunity to present my Construction and demolition waste management Project in front of an honorable audience

### THE QUEST 2017 PARTICIPANT, UNILEVER MASHREQ

NOV 2017

Participated with a team that was selected after an initial filtering process, and we made suggestions for a marketing plan, supply chain plan, R&D Plan and a financial plan for one of Unilever's products that are supposed to be launched in the Egyptian market.

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## KEY SKILLS AND CHARACTERISTICS

• Strong interpersonal & communication skills • Ability to work collaboratively as part of a team • Problem Solving • Leadership • Meticulous attention to detail • Training & Development

## TOOLS & TECHNOLOGIES

MS Office Suite • Power BI  
• Python • SQL • Solid Works  
• NumPy, Matplotlib, Pandas

## MOOCS, COURSES & CERTIFICATIONS

- Advanced Data Analysis Nanodegree
- Data Analysis Professional Nanodegree
- Full Stack Development Track
- Power Bi Essential Training 2019
- Digital Manufacturing & Design
- Supply Chain Foundations
- Six Sigma Foundations
- Fundamentals of BPM
- ICDL v5.0
- Sales Skills Training program
- Staff Management Skills
- Human Resources Specialist

## EDUCATION

### BACHELOR OF ENGINEERING IN PRODUCTION ENGINEERING

FACULTY OF ENGINEERING, ALEXANDRIA UNIVERSITY  
SEP 2015 – JUL 2021

Completed courses in Industrial Engineering, Manufacturing Technology, Quality Control, Metrology and Mechanical Design.

## PROJECTS

### ELECTRONIC MULTI-FUNCTION MEASURING INSTRUMENT

GRADUATION PROJECT, [PRODUCTION ENGINEERING DEPT](#)

As part of our graduation project, we manufactured a versatile, lightweight and portable electronic measuring device, this device had 6 modes of operation which included measuring the following, vertical and horizontal dimensions, angles, angular velocity and Surface Levels

### PROSPER LOAN EXPLORATORY DATA ANALYSIS

ADVANCED DATA ANALYSIS NANODEGREE, [UDACITY](#)

The main purposes of this project were to summarize the characteristics of variables that can affect the loan status and to get some ideas about the relationships among multiple variables using summary statistics and data visualizations. Performed Univariate, Bivariate and Multivariate Analysis during this project.

### ANALYZE AN E-COMMERCE A/B TEST RESULTS

ADVANCED DATA ANALYSIS NANODEGREE, [UDACITY](#)

For this project, I had worked to understand the results of an A/B test run by an e-commerce website. The goal was to work through this notebook to help the company understand if they should implement the new page, keep the old page, or perhaps run the experiment longer to make their decision.

### EXPLORE-US-BIKESHARE-DATA

DATA ANALYSIS PROFESSIONAL NANODEGREE, [UDACITY](#)

In this project, I made use of Python to explore data related to bike share systems for three major cities in the United States - Chicago, New York City, and Washington. I have written code to import the data and answer interesting questions about it by computing descriptive statistics. I have also written a script that takes in raw input to create an interactive experience in the terminal to present these statistics.

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## EXTRACURRICULAR ACTIVITIES

### HEAD OF PUBLIC RELATIONS

*ASME SS – ALEXANDRIA UNIVERSITY*, SEP 2019 – MAR 2020

Managing and leading a team of passionate public relations officers,  
Motivating them and assessing their performance.

Duties included:

- Building a positive public image of the section.
- Lecturing Sessions in Professional Email Writing, Proposal Writing, Effective Presentations Skills, Excel Foundations, PowerPoint Training
- Arranging visits, meetings, conferences and scientific events related to the student section.
- Agreement with sponsors and partners of the section.
- booking places for events, and projects

### SALES TEAM MEMBER

*LIFE MAKERS FOUNDATION*, JUN 2016 – PRESENT

Worked in (Rizk Halal Project) which its goal was to Collect money from donates in order to make projects for 2000 poor families to change them to productive families with providing support for them, we succeeded to reach this target.