CURRICULUM VITAE

Update: Dec 19, 2019

👦 Personal Info.

Name: Mohammed Ali Ismail Abd-EL-Hafez.

Date of birth: October 25th, 1982

Residence: Alexandria; Egypt

Cellular: +2-0114-222-5956

Email: abuarwa.ismail@gmail.com

Marital status: Married, father of two kids.

Current job: Senior Instrumentation and Control Engineer; Abuqir Fertilizers Company (AFC); since August 2006.

🌍 Internet presence.

GitHub: https://github.com/hamadasoma

Slideshare: https://www.slideshare.net/MohammedAlismail3

Website: https://hamadasoma.pythonanywhere.com

LinkedIn: https://www.linkedin.com/in/mohammedismail1982

Online resume and certificates: https://bit.ly/2O4qgZ6

🎓 Academic Certificates.

B.Sc. in Electronics and Communications Engineering; Faculty of Engineering; University of Alexandria; year 2005.

Graduation project: Building a Wide Area Network (WAN) to link the sites of University of Alexandria. The project was under supervision of Prof. Mohammed Rizk and Telecom Egypt.

🔤 Languages.

Arabic 🇪🇬 (العربية) My mother tongue.

English 🇬🇧 Fluent.

Turkish 🇹🇷 (Türkçe) Good.

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🛠 Skills.

🖥 Python.

Matplotlib.   Numpy.   Scipy.   Pandas.   Sympy.

Flask.   BeautifulSoup4.

🖥 C/C++.

🖥 RDBMS.

PostgreSQL.   SQLite

🖥 Data Analysis using Excel and Python packages.

🖥 Statistics and probability analysis techniques and theory.

🖥 HTML/CSS/JavaScript.

> **Relevant online certificates:**
>
> - Simple Framework for Designing IoT Products
>   https://www.udemy.com/certificate/UC-HWDP1WC3/
> - Bayesian Machine Learning in Python, A/B Testing
>   https://www.udemy.com/certificate/UC-DW7RXRFR/

📊 Projects.

- Developing an Intelligent Software for Ship Management: Phase II
  (Smarttechmarine Software Development Team Member)
  Reference: Dr. Ender Yalcin, R&D Coordinator, **Smarttech Denizcilik Arge ve Bilisim A.S**., P:+90 542 484 2004 W: www.smarttechmarine.com
- Building my website under flask environment. (*Self-motivated project*)
  http://hamadasoma.pythonanywhere.com
- Writing **PyHypo**; my written python library for deploying hypothesis testing.
  (*Self-motivated project, continuously updated*)
  http://github.com/hamadasoma/PyHypo
- Other freelancer tasks and jobs on several freelancers platforms. Tasks are focusing data analysis in python, data scrapping, deriving algorithms, web developing and language translation as secondary tasks.

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Career history.

1. Instrumentation and Control Engineer; **Abuqir Fertilizers Company (AFC)**; since August 2006.
2. As a freelancer; at year 2016, worked for **REBAT Systems Ltd** and participated in the construction of a 500 Kwh on-grid solar photovoltaic station for KCG Textile Company in 10th of Ramadan City.

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