

# George Messiha

+2 (012) 0088 5832 • [georgemessiha22@gmail.com](mailto:georgemessiha22@gmail.com) • [in georgesamir22](#)  
[7236809](#) [georgesamir22](#) [georgemessiha22](#) [george.samir301](#)

## Resume Viewer

June 30, 2020

Dear Sir or Madam,

With a Bachelor's degree in Information Engineering Technology and hands-on experience using Python languages to create and implement software applications, Confident I will be an asset to your projects.

Enjoy being challenged and engaging with projects that require me to work outside my comfort and knowledge set, as continuing to learn new languages and development techniques are important to me.

Your listed requirements closely match my background and skills. A few I would like to highlight that would enable me to contribute to your bottom line are:

- Highly skilled in designing, testing, and developing software
- Thorough understanding of data structures and algorithms
- Knowledgeable of back-end development best practices
- Hands-on software troubleshooting experience

Proven track record of proper documentation for future maintenance and upgrades I've attached a copy of my resume that details my projects and experience in software development. I can be reached anytime via my cell phone or via email.

Thank you for your time and consideration. I look forward to speaking with you about this opportunity.

Sincerely yours,

**George Messiha**

*Attached: curriculum vitæ*

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*DevOps for life, Software Engineer by day, Entrepreneur by night.  
Building to make people's life easier. Volunteer by heart. feeding  
my eager to learn, implement, create to reach my ultimate  
potential. Looking forward to be the Next Game Changer.*

## Education

### The German University in Cairo

*Bachelor of Networks and Information Engineering Technology  
Bachelor Thesis Topic: Security of Cloud Computing*

**Cairo, EG**  
2011–2016

### Saint Fatima International School - Nasr City

*Thanwya Amma, Math Science*

**Cairo, EG**  
1997–2011

## Experience

### Orange Business Services

#### Senior Software Engineer

**Cairo, EG**  
Sep 2018–Present

Building Orange's first automated reporting tool for every service performance and customizing the reports to Customer needs and requirements upon each SLA.

Detailed achievements:

- Help the team to collect relative data for clients on their business, clean data to find the performance and efficiency of the system and the network timing.
- Data modeling, system architecture, data loading from Big data warehouse HortonWorks to kafka and more streaming data tools, to visualize the data in meaningful charts in data analytic reports.
- Tools: Hadoop, Spark, Python, HortonWorks, Django, Jira, Taiga, Continuous Integration, Continuous Delivery, Docker, Docker-Compose, Linux, Power BI, Web Scrawlers, Scrum, Agile DevOps framework

### PayMob

#### Software Engineer

**Cairo, EG**  
Jul 2017–Jul 2018

Building Vodafone Cash Backend.

Detailed achievements:

- Develop, test, debug and maintain cloud based solutions with python, nginx, AWS, Docker technologies.
- Develop unit tests and work with Quality Control members Roles on solving the defects.
- Prepares and installs solutions by determining and designing system specifications, standards, and programming. Embracing, utilizing the new wave of software development concepts (SaaS, Cloud Computing)

### Nexus Edge

#### Remote Software Engineer

**Sao Paulo, Brazil**  
Dec 2017

Developing one of the most cognitive Marketing AI, helping to improve the teams communication, managing the development remotely. Maintaining development cycle.

### BlueCloud Technologies

#### Software Engineer

**Cairo, EG**  
Feb 2017–Jun 2017

Building Docs Sharing Software addons in Microsoft Word. Detailed achievements:

- Develop, test, debug and maintain web/windows cloud based solutions with MS .net technologies.
- Develop unit tests and work with Quality Control members/Roles on solving the defects.
- Prepares and installs solutions by determining and designing system specifications, standards, and programming.
- Embracing and utilizing the new wave of software development concepts (Software-as-a-service, Cloud Computing, ...etc.).

### Aprcot

#### Software Engineer

**Cairo, EG**  
Jun 2016–Jun 2017

Building a tool to automate the Ads campaign for Social media(e.g. Facebook, Google, Instagram, Youtube) instead of registering for each campaign it automates the campaign follow the graph produce a peak notification, choosing the best plane with the best budget to reach the target. all of that is automated using our magnificent tool which use machine learning, AI, Restful and a lot of other applications to reach the campaign target.

Detailed achievements:

- Develop, test, debug and maintain.
- Tools: Bower, Gitlab, Jira, CSS, AngularJS, HTML, Gulp, Django, Rest Framework.

## Internships

### The German University in Cairo

#### Junior Teaching Assistant

**Cairo, EG**  
Sep 2015–Jan 2016

Helping the Teacher Assistant in the University in teaching Android Application developing. Helping students to do their tasks on time, solving any issues facing them or teach them any required skills.

### Orange Egypt

#### Network Engineer Trainee

**Cairo, EG**  
Jul 2014

- Did system provisioning work. Main Duties:
- o Security Analyzer.
  - o Connect remotely to Offices' devices for troubleshooting.
  - o Revise Offices' Firewalls policy.

## Xerox

### **Sales & Representative Engineer Trainee**

Did system administrative work. Main Duties:

- o Establish Network connection to Xerox remote Devices.
- o Maintain IT requirements for the devices to adapt for the network condition.
- o Build Xerox printer's Applications specially customized for the clients.

**Cairo, EG**

Aug 2014

## Skills

### Advanced.....

**Language:** Python, Java, Bash, LaTeX, Markdown

**Web-Frameworks:** Django, Restframework, Flask

**SysAdmin:** Linux (Debian, Red Hat), Gitlab CI/CD, Docker, Ansible, Docker-Compose, Continues Delivery, Fabrics

**Data Science:** Pandas, NumPy, dataframes

**Services:** Unicorn, WSGI, Apache2, HAProxy, Load Balancer

**Team Tools:** Agile, Scrum, Jira, git, Office, Scrappy, Swagger, Sphinx docs, readthedocs

### Intermediate & Beginner.....

**Language:** PHP, GoLang, Rust, Elixir

**Web-Frameworks:** Phoniex, Angular

**Operating Systems and automation:** Kubernetes

**Data Science:** Bower, Hadoop, Spark, PowerBI

**Services:** Nginx

## Languages

**Arabic:** Native

**English:** fluent

*Professional working proficiency*

**Deutsch:** Basic

*Basic words and phrases only*

## Certificates & Awards

### **PeopleCert**

*PeopleCert DevOps Fundamentals: Effectiveness & efficiency beyond comparison*

**Cairo, EG**

2019

### **Udacity, ITI**

*Deep Learning NanoDegree*

**Cairo, EG**

2018

### **Udacity, 1 Million Arab Coder**

*Data Analyst*

**Cairo, EG**

2018

### DataCamp.....

#### Courses.....

#### **DataCamp**

*Introduction to Databases in Python*

**Cairo, EG**

2017-2018

#### **DataCamp**

*pandas Foundations*

**Cairo, EG**

2017-2018

#### **DataCamp**

*Importing Data in Python (Part 1)*

**Cairo, EG**

2017-2018

#### **DataCamp**

*Importing Data in Python (Part 2)*

**Cairo, EG**

2017-2018

#### **DataCamp**

*Cleaning Data in Python*

**Cairo, EG**

2017-2018

#### **DataCamp**

*Introduction to Data Visualization with Python*

**Cairo, EG**

2017-2018

#### **DataCamp**

*Interactive Data Visualization with Bokeh*

**Cairo, EG**

2017-2018

#### **DataCamp**

*Intro to Python for Data Science Course*

**Cairo, EG**

2017-2018

#### **DataCamp**

*Statistical Thinking in Python (Part 1)*

**Cairo, EG**

2017-2018

<b>DataCamp</b> <i>Statistical Thinking in Python (Part 2)</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Python Data Science Toolbox (Part 1)</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Python Data Science Toolbox (Part 2)</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Intro to SQL for Data Science</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Intermediate Python for Data Science Course</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Manipulating DataFrames with pandas</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Merging DataFrames with pandas</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Network Analysis in Python (Part 1)</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Machine Learning with the Experts_ School Budgets</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Supervised Learning with scikit-learn Course</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Unsupervised Learning in Python Course</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Deep Learning in Python</i>	<b>Cairo, EG</b> 2017–2018

## Tracks.....

<b>DataCamp</b> <i>Python Programming</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Python Programmer</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Importing Cleaning Data with Python</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Data Manipulation with Python</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Data Analyst with Python</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Machine Learning with Python Track</i>	<b>Cairo, EG</b> 2017–2018
<b>DataCamp</b> <i>Data Science</i>	<b>Cairo, EG</b> 2017–2018
<b>Udacity, ITI</b> <i>Android Fundamentals</i>	<b>Cairo, EG</b> 2016

## Activities

<b>Masabeeh</b> <i>Charitable NGO, Organizing weekly meetings for kids in Masr Gedida</i> Prepare workshops of games and help them with school. on other hand teach them to spell and write.	<b>Cairo, EG</b> May 2016–2017
<b>Math Teacher</b> <i>Voluntary Education, Providing Education for kids from rural areas</i> Teaching fifth primary students Math. Teaching second primary students English.	<b>Cairo, EG</b> Sept–Dec 2015
<b>APE (Association for Protection of Environment)</b> <i>Culture Awareness Charitable NGO, Organizing camps for kids from rural areas</i> Prepare workshops that teach them some crafts. Give presentations about: culture awareness, self esteem, goals and human development.	<b>Cairo, EG</b> 2013–2015
<b>EASE</b> <i>Educational Charitable NGO, Organizing camps for High School Students</i> Role: Presenter. To Educate the High School Students more about life experiences and prepare them to face the future.	<b>Cairo, EG</b> Jan 2012–May 2012