

Waseem Medhat

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Education

MSc Candidate in Biomedical Informatics and Medical Statistics

Medical Research Institute, Alexandria University // 2018 – present

BSc in Clinical Pharmacy

Faculty of Pharmacy, Alexandria University // 2012 – 2017

Experience

Biostatistician and R Programmer

Freelance/Independent // Jan 2019 – present

Pharmacist

Andalusia Group for Medical Services // Jun 2019 – May 2020

Nagy Zaytoun Pharmacy // Oct 2017 – Sep 2018

Researcher

Cancer Nanotechnology Research Laboratory (CNRL) // Jun 2015 – Jan 2018

Publications

- Protein-lipid nanohybrids as emerging platforms for drug and gene delivery: Challenges and outcomes <https://doi.org/10.1016/j.jconrel.2017.03.392>
 - Plasminogen activator inhibitor-1 gene polymorphism as a risk factor for vascular complications in type 2 diabetes mellitus <https://doi.org/10.1186/s43042-019-0018-1>
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Skills

General skills

- Laboratory skills
- Scientific knowledge
- Analytical thinking
- Problem solving
- Continuous learning

Programming

R // Advanced

SAS // Intermediate

Python // Intermediate

Other Tools // Basic to intermediate

- SQL
 - Regular expressions
 - Vim (efficient text editing, using R in Vim or Vim-like mode in RStudio)
 - Tableau
 - Lisp (dialects: Racket, Emacs Lisp)
 - Web languages (HTML, CSS, JavaScript) basics and D3.js visualization framework
 - Bash/Unix/Linux basics
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Coursework

How to Code: Simple Data // University of British Columbia (edX)

Using Databases with Python // University of Michigan (Coursera)

Using Python to Access Web Data // University of Michigan (Coursera)

Python Data Structures // University of Michigan (Coursera)

Programming For Everybody // University of Michigan (Coursera)

Introduction to Computer Science and Programming Using Python // MIT (edX)

Statistics with SAS // SAS (Coursera)

SAS Programmer (3-Course Specialization) // SAS (Coursera)

Data Analyst Nanodegree (One Million Arab Coders Scholarship) // Udacity

Information Visualization (4-Course Specialization) // New York University (Coursera)

Statistics with R (5-Course Specialization) // Duke University (Coursera)

Machine Learning // Stanford University (Coursera)

Data Analyst Track // One Million Arab Coders (Udacity)