



# Ali Helmi

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## Summary

I'm passionate about Data, experienced Survey Programmer with a demonstrated history of working in the market research industry. 6+ years of experience in scripting surveys on many platforms (Decipher + ODK + SurveyCTO + Askia). Data quality check validation using Python and Stata. Skilled in programming (Python, JavaScript, HTML, CSS), mastered Power-BI and Tableau. Strong engineering professional with academic diploma focused in Computer Science from Cairo University.

## Experience



### Survey Programmer

Simon-Kucher & Partners

Feb 2021 - Present (1 year 7 months +)

Review questionnaires assembled by project teams.

Program complex online surveys based on materials provided

Build complex pathing, skip patterns, pipings, least fill, typing tools, max diffs, CBC "conjoint".

Clarify programming instructions, logic, question types, quotas and fielding details.

Test surveys to ensure programming instructions, logic, flow are accurate and delivered on schedule.

Check data files to ensure no errors or logic flaws using Python.

Manage XMLs and overlay process for translations on global projects.

Creating and maintaining documentation on technical processes.

Training new hires on programming and technical skills.



### Survey Programmer

Forcier

Feb 2015 - Feb 2021 (6 years 1 month)

Write and manage online surveys (CAWI), Personal interviews (CAPI), and CATI (Telephonic Surveys).

Prepare sample management, set up & test quota management facilities.

Troubleshooting logics/skip patterns and programming issues in survey setup.

Perform preliminary quota and quality checks on data collected in the field.

Pull data from the server upon the completion of a project.

Provide consultancy services and expertise to support clients and research teams.

## Education



### Udacity

Angular Development Cross Skilling Nanodegree, Web Development

2022 - Present

<https://lnkd.in/de4JsXFD>



### Udacity

Professional Front-End Web Development Nanodegree

Apr 2022 - Jun 2022

<https://confirm.udacity.com/DMPY7RFD>



### **Cairo University**

Postgraduate Diploma, Computer Sciences

2017 - 2019



### **Udacity**

Advanced Data Analysis Nanodegree

2020 - 2020

<https://confirm.udacity.com/DMPY7RFD>

## **Licenses & Certifications**



### **Microsoft Office Specialist Master (MOS) - Microsoft**

mU9X-DThp



### **IELTS - Cambridge University Press & Assessment English**

16EG012920HUSA001A



### **Data Fluency: Exploring and Describing Data - LinkedIn**

AfMAMLdC\_d0Wi\_eRISAbINhPtDw



### **HTML Essential Training - LinkedIn**



### **CSS Essential Training - LinkedIn**



### **JavaScript Essential Training - LinkedIn**



### **jQuery Essential Training - LinkedIn**



### **Data Cleaning in Python Essential Training - LinkedIn**



### **JavaScript: Web Form Programming - LinkedIn**

## **Skills**

python • HTML • JavaScript • XML • DECIPHER • Data Validation • Survey Programming •  
Cascading Style Sheets (CSS)