

# ARAM AVAGYAN

Data and QA Engineer

## DETAILS

### ADDRESS

Yerevan  
Armenia

### PHONE

+37444470830

### EMAIL

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## LINKS

[Github:](#)

## SKILLS

Python



C++



SQL



QA Automation



Scrapy



Selenium



PostgreSQL



Data Engineering



## PROFILE

### Qualifications:

3 years of experience in C++, Python and SQL programming, ETL/ELT processes and database migration, REST API, Git version control.

Developed tools for database entry/ID synchronization, migration and maintenance using Python, REST API and custom name-matching algorithms.

Prototyped a taxi application.

Prototyped a Twitter data scraping and filtering tool through its API using Postman.

Good at picking up new tools, optimizing workflows and following standards.

## EMPLOYMENT HISTORY

Data Engineering Intern, Data42 LLC

Oct 2021 — Dec 2022

Participated in the database design of the taxi application platform and implement the development of the database from the scratch.

Developed new modules and adjusting/bug-fixing on the existing code.

Database migration activities from Oracle to PostgreSQL, from SQL Server to Snowflake.

Twitter API implementation with Python using AWS Lambda.

ETL Processes using SSIS, Airflow and AWS Glue Jobs (Python).

### Technologies Used:

**Python, SQL, Oracle, PostgreSQL, Snowflake Apache Airflow, SSIS, AWS**

Video Content Manager, Xeatre.tv/Open  
Source Factory GmbH

Feb 2017 — Present

Maintaining the operational state of satellite recording receivers

Git	<div><div></div></div>
Github	<div><div></div></div>
Linux	<div><div></div></div>
Airflow	<div><div></div></div>
MySQL	<div><div></div></div>
Microsoft Office	<div><div></div></div>
Quality Control	<div><div></div></div>
Application Programming Interface (API)	<div><div></div></div>
SQL Server Integration Services (SSIS)	<div><div></div></div>
Extract Transform Load (ETL)	<div><div></div></div>
Microsoft Windows	<div><div></div></div>
Puppeteer	<div><div></div></div>
HyperText Markup Language (HTML)	<div><div></div></div>
JSON	<div><div></div></div>
Translations	<div><div></div></div>
Scheduling	<div><div></div></div>
Admin Tools	<div><div></div></div>
SQL (Programming Language)	<div><div></div></div>
Customer Support	<div><div></div></div>
Technical maintenance and support	<div><div></div></div>

Scheduling recording timers

Customer support

Video approval and import workflows

Developed a tool for quick copying and assigning IDs to respective video entries across different subdomains of our web platform through API leverage and custom name-matching algorithms.

Automated GUI testing and login processes for our web platforms.

#### ***Technologies Used:***

**Xeatre.tv Magictool web UI, GMM interface, Python, JSON, HTTPS REST API, Selenium, Scrapy**

IT technician/quality control tools operator,  
Translation Center SNCO

Jul 2015 — Feb 2017

Performed activities Administration and maintenance of the IT infrastructure, pre-processing of documents, ensuring the quality and standards compliance

#### ***Technologies Used:***

**MS Office and Adobe software suites**

**OCR**

**Photoshop**

**Various admin tools**

## **EDUCATION**

Bachelor of Science in Management, Faculty of Management, Armenian State University of Economics

Master of Business, Faculty of Management, Armenian State University of Economics

## **COURSES**

Algorithms and Data Structures for Coding Interviews, Picsart Academy

Apr 2023 — Dec 2023

Python and SQL for Data Engineering, Data 42

Oct 2021 — Jan 2022

## LANGUAGES

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Armenian

English

Russian

## HOBBIES

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Guitar, Drums, Music, Racing,  
Guns, Computer Technology,  
PC building, Solving LeetCode  
Challenges

Intermediate C++, ACA

Jan 2020 — Jun 2020

Introduction to C++, ACA

Aug 2019 — Dec 2019

Manual and automated QA, ACA

Sep 2018 — Dec 2018

Linux administration LPIC 1

2013 — Aug 2013