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| Aram Avagyan  Data and QA Engineer 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 HistoryData Engineering Intern, Data42 LLC October 2021 — December 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 February 2017 — Present  Maintaining the operational state of satellite recording receivers  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 July 2015 — February 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** EducationBachelor of Science in Management, Faculty of Management, Armenian State University of EconomicsMaster of Business, Faculty of Management, Armenian State University of EconomicsCoursesAlgorithms and Data Structures for Coding Interviews, Picsart Academy April 2023 — December 2023 Python and SQL for Data Engineering, Data 42 October 2021 — January 2022 Intermediate C++, ACA January 2020 — June 2020 Introduction to C++, ACA August 2019 — December 2019 Manual and automated QA, ACA September 2018 — December 2018 Linux administration LPIC 1 2013 — August 2013 | Details Yerevan, Armenia +37444470830  [aram.avagyan1138@gmail.com](mailto:aram.avagyan1138@gmail.com) Links [Github:](https://github.com/necroram) Skills  |  |  | | --- | --- | | Python | | |  |  |  |  |  | | --- | --- | | C++ | | |  |  |  |  |  | | --- | --- | | SQL | | |  |  |  |  |  | | --- | --- | | QA Automation | | |  |  |  |  |  | | --- | --- | | Scrapy | | |  |  |  |  |  | | --- | --- | | Selenium | | |  |  |  |  |  | | --- | --- | | PostgreSQL | | |  |  |  |  |  | | --- | --- | | Data Engineering | | |  |  |  |  |  | | --- | --- | | Git | | |  |  |  |  |  | | --- | --- | | Github | | |  |  |  |  |  | | --- | --- | | Linux | | |  |  |  |  |  | | --- | --- | | Airflow | | |  |  |  |  |  | | --- | --- | | MySQL | | |  |  |  |  |  | | --- | --- | | Microsoft Office | | |  |  |  |  |  | | --- | --- | | Quality Control | | |  |  |  |  |  | | --- | --- | | Application Programming Interface (API) | | |  |  |  |  |  | | --- | --- | | SQL Server Integration Services (SSIS) | | |  |  |  |  |  | | --- | --- | | Extract Transform Load (ETL) | | |  |  |  |  |  | | --- | --- | | Microsoft Windows | | |  |  |  |  |  | | --- | --- | | Puppeteer | | |  |  |  |  |  | | --- | --- | | HyperText Markup Language (HTML) | | |  |  |  |  |  | | --- | --- | | JSON | | |  |  |  |  |  | | --- | --- | | Translations | | |  |  |  |  |  | | --- | --- | | Scheduling | | |  |  |  |  |  | | --- | --- | | Admin Tools | | |  |  |  |  |  | | --- | --- | | SQL (Programming Language) | | |  |  |  |  |  | | --- | --- | | Customer Support | | |  |  |  |  |  | | --- | --- | | Technical maintenance and support | | |  |  |  Languages Armenian  English  Russian Hobbies Guitar, Drums, Music, Racing, Guns, Computer Technology, PC building, Solving LeetCode Challenges |