

Malek Aldoss

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Technical Skills

- Python | Java | SQL | REST APIs | Flask
- Azure | Apache Spark | Distributed Computing | Docker
- Data Modeling | Data Warehousing | ETL Pipelines | Networking Basics

Work Experience

Digital Assurance & Transparency Intern

PricewaterhouseCoopers | Des Moines, IA

June 2022 – August 2022

- Audited client's key reports by analyzing underlying SQL query logic, validating over fifty reports our external audit team relied on
- Worked with Global 500 Client to perform audit of IT infrastructure and applicable databases, operating systems, SQL, Oracle, and SAP logs
- Analyzed key domains of client's information technology general controls (ITGCs); including access to programs and data, program changes, and computer operations controls
- Evaluated client's automated controls and documented their effectiveness and completeness
- Documented benchmark and baseline testing procedures and their outcomes for key reports and ITGCs
- Utilized PwC Connect (Project Management software) and Aura Platinum (Audit Tracker) to manage documentation upload and to track multiple engagements

Small Business Owner

Auto Revivals | North Liberty, IA

June 2022 – Present

- Established a mobile auto detailing business and broke even within a month by utilizing organic marketing
- Automates business finances using Excel, PostgreSQL database, and Python saving me an estimated three hours every week
- Oversees all client scheduling, website, and marketing efforts

Education

The University of Iowa | Tippie College of Business | Iowa City, IA

Anticipated December 2023

B.B.A. Business Analytics & Information Systems

- STEM-designated
- Minor in Computer Science
- Database Management | Data Engineering | Cloud Computing | Data Wrangling & Mining | Big Data

Kirkwood Community College | Cedar Rapids, IA

August 2017 – May 2020

Associate Degree in Liberal Arts & Science

- Engineering focus
- Gained quantitative, problem-solving, & analytical skills
- Calculus I, II, & III | Statistics | Classical Physics I&II | Thermodynamics | Engineering I & II

Relevant Projects & Activities

- Microsoft Azure Fundamentals | AZ-900 Certification December 2022
- Data Engineering on Microsoft Azure | DP-203 Certification Anticipated May 2023
- Member of Tippie Tech | Member of Beta Alpha Psi Accounting Club
- Bilingual: Fluent in English and Arabic | ACE Personal Training Certificate | CPR Certificate by AHS
- Technical projects using a variety of Python libraries (Flask, Pandas, and SQLAlchemy), Azure services (serverless computing including functions & logic apps, warehouse and data lake solutions, cloud database solutions, object storage solutions, and scalable virtual machine sets), data modeling and normalization, and REST-API development.