



# Ireon Louw (BEng)

## Test Systems Engineer

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### About

From reading numerous resumes, and getting to work with those people, it becomes obvious that the information typically found on a resume is more an idealized version of themselves, rather than a factual representation. Even if one manages to be completely honest on your resume, it still comes down to your own subjectivity on a skill mentioned. Therefore, I would like to request to use the resume below as a mere indicator if the job aligns with my interests and accomplishments, instead of a comparison to another resume.

However, I am someone who loves exploring problems, and helping others find solutions, especially those ones beyond the ability of LLMs. Although we are in an ever-changing environment, the tools currently at my disposal to help solve problems are,

- **Databases:** SQL, SOQL, & MongoDB
- **Programming Languages:** Python, Javascript + HTML + CSS, & C
- **Version Control:** Git
- **Microsoft Office Suite Applications:** Excel

Work Experience, and Education and Certification, references can be provided upon request.

### Work Experience



TecEx

#### Test System Engineer

[2022/10/15 - present]

Part of the Test Automations team responsible for automated software deployment testing. Automated testing is completely internal, with a self-hosted test platform, where the automated test can be initiated and reviewed. Currently we perform E2E backend and front-end test where test cases and definitions can be completed by a non-technical person. The test framework is a python-flask application, which serves basic html pages to initiate test from and integrates with Salesforce, MongoDB, AWS, & SharePoint and Datadog.

#### Cloud Team of the Year Award [2023]



Cartrack

#### Trainee Manager at SEA

[2021/11/01 - 2022/10/12]

Manager in training. This role consisted of going around various departments around the business trying to find inefficiencies and bringing solutions to mitigate those inefficiencies. Most notable project, included working in the Advanced driver-assistance system (ADAS) team, and assisting clients with driver

and vehicle reports tailored to their needs, as well as API integration. Notable tools used was PostgreSQL (pgAdmin 4), Python and Excel.

## Education and Certifications



### Bachelor of Mechanical Engineering

[2017/01/01 - 2020/12/31]

Graduated in 2020, with an average of 70% over the 4 years.



### Data Science with Python Short Course

[2022/04/01 - 2022/06/30]

Completed course in 2022 with an average of 93%.



### CS50x Introduction to Computer Science Course

[2023/01/01 - 2023/12/31]

Completed online course in 2023.



### Alberton High School

[2012/01/01 - 2016/12/31]

Matriculated in 2016, with an overall average of 84%, with distinctions in Mathematics, Physical Science, Accounting, Life Orientation and Afrikaans. Outside the academics, notable achievements include,

- 1st team Rugby
- Chess (best senior player)
- Athletics (junior victor ludorum)
- Matric Prefect

## Skills and Portfolio

☆☆☆☆☆

→ Python (4+years), Javascript (2+years), C (1+years), Excel (8+years) [1][2]

★★★★★

→ Data Retrieval, Processing & Manipulation [3]

★★★★★

→ Math, Software and Practical related Problem Solving [4]

★★★★★

→ Touch Typing (80+ WPM) and Keyboard Shortcuts [5]

★★★★★