A / L Amy Lap

Python Developer | RPA | Automation

📞 082 329 3189

✉️ amylvlap@gmail.com

📍 Sandton/Johannesburg

👤 linkedin.com/in/amy-lap-663a14b9

ABOUT ME

I have three years of experience in Python development. I have managed a five-person team for the last two years with whom I helped build a rules engine. I am eager to gain more experience with Flask or Django.

I have experience automating business processes using Python and RPA. I have a good understanding of git and relational databases. I wholeheartedly love coding and I am passionate about automation, programming and advancing my skills. I am a logical thinker with a strong aptitude for mathematics. I am always keen on learning new languages and skills.

EXPERIENCE

Python Developer and Team Lead
TecEx | 2021 – Current

Responsibilities include building readable, organized and document backend processes, automation of business processes, code review and management of the company's rules engine. Managed the workflow of a five-person team and mentored university graduates.

- Learned to produce coded solutions efficiently in an agile environment.
- Selenium, requests, pandas, UiPath, Postman, Datadog, AWS, containers, flask apps, code review, version control (Git), web scrapping.

Student Teacher
University of the Witwatersrand | 2020-2021
Responsibilities included planning, preparing and delivering lessons. Worked within a team of teachers. Made myself available to undertake any task.
- Served as a friendly, hardworking, and punctual employee.
- Maintained an eagerness to add my knowledge and skills.

University Archaeology Tutor and Lab Assistant
University of the Witwatersrand | 2018-2020
Responsibilities included preparation for and delivery of tutorials. Lab work involved the collection and analysis of archaeological data and the organization of comparative and archaeological specimens
- Summarised and reported both quantitative and categorical data.
- Used hypothesis testing and other statistical tests.

University Mathematics Tutor
University of the Witwatersrand | 2016 -
Tutored university students core mathematics as a part of a program set by IBM.
- Served as a dedicated and hardworking tutor.
- Ensured that students understood each mathematical concept.

AWARDS

Golden Key Award

Postgraduate Merit Award

Merit Awards: Linear Algebra; Number Theory; Coding and Cryptography; Complex Analysis

First Class Award: Basic Analysis; Leontief Systems; Group Theory

A / L Amy Lap

Python Developer | RPA | Automation

📞 082 329 3189

✉ amylvlap@gmail.com

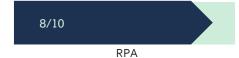📍 Sandton, Johannesburg

👤 linkedin.com/in/amy-lap-663a14b9

SKILLS

- **9/10** — Python
- **8/10** — Relational Databases
- **5/10** — Django
- **5/10** — Flask
- **8/10** — RPA
- **10 / 10** — Fast Learner

EDUCATION

PGCE with distinction
University of the Witwatersrand
FET Mathematics | Senior Phase Mathematics | Theory of education | South African Sign Language
2020-2021

Master of Science
University of the Witwatersrand
Archaeology by dissertation
2018-2020

Bachelor of Science with Honours
University of the Witwatersrand
Mathematics I, II & III | Archaeology I, II, III, IV | Computational Applied Mathematics I | Physics I | Chemistry I |
2012-2017

Matric
St. Mary's School, Waverly
English, Afrikaans, Mathematics, Life Orientation, Physical Sciences, Geography, Drama.
2011

COURSES

- **Learn Python**
- **Learn JavaScript**
- **Learn SQL**
- **Learn Data Analysis with Pandas**
- **How to clean Data with Python**
- **Learn web scrapping with BeautifulSoup**
- **Learn the Command Line**
- **Data Analyst Career Path**
- **Data Scientist Career Path**

Codecademy
2021-current

Teacher Choices in Actions
University of the Witwatersrand
2020

Microsoft Excel – From Beginner to Advanced
Udemy
2019

Tutor Training and Mentoring - Introductory Level 1
University of the Witwatersrand
2017

Theory and Practice of Stable Light Isotope Spectrometry
Hosted by the University of Cape Town
2017