MALIVIWE DIKO

PYTHON DEVELOPER

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SACE No.
C12718202

Additional Skills

- Python Programming
- HTML
- CSS
- Javascript
- Azure DevOps
- Microsoft Office

Professional Summary

Applied Mathematics and Computer Science major currently working as a Junior Automation Tester for Adapt IT Education division. I work with Python and selenium to write test automation scripts, I do manual application software testing as well. I am currently working on a Javascript and C# courses to broaden my skills.

Work Experience

10/2022 - Present

AdaptIT, Midrand
Junior Test Automation Engineer,
- Software automation and manual tester for the AdaptIT Education division's NxtGen project.
- Responsible for writing python automation test scripts for software application testing.
- Regularly perform manual tests after deployments + generating big data using python to use for application load testing.
- Running existing C# automation scripts and generating test results.
- Collaborating with the development team whilst responding to and assisting any of their technical or testing issues.

10/2021 - 10/2022

AdaptIT, Midrand
IT Graduate: Administrator,
- Utilized Microsoft Excel to build market penetration, revenue and cost analysis models.
- Cleaning raw data, and turning it into useful Business Intelligence insights.
- Utilized Python to create databases for software testing.
- Manual Front-end Application testing.
- Administrative product support.

01/2021 - 07/2021

Barnato Park High School, Johannesburg
Educator Assistant,
- Assist with any and all teaching and learning activities of the Mathematics Department.
- Facilitate and instruct Saturday, afternoon and holiday classes for Grade 12 and 11 Mathematics classes.
- Was also simultaneous under a different contract as a tutor for the Sci-Bono outreach programme, tutoring and teaching mathematics from March 2021 to Jun 2021.

02/2019 - 04/2020

Lucid Clear Credit, Rosebank
Quality Assurance,
- Handle any customer care related issue.
- Draft weekly reports to highlight the KPAs and KPIs of all the service department employees and whether these were met with respect to each individual's job description.
- Monitor all work in progress in order to maintain customer satisfaction, and to anticipate and prevent any refunds or customer dissatisfaction.

Education

01/2022 - 11/2022

Stadio, Johannesburg
Post Graduate Certificate in Education specializing in Mathematics FET and SP teaching.
 • Education Studies 1, 2 • Teaching Mathematics FET 1, 2 • Teaching Mathematics SP 1, 2 • Teaching Practice 1, 2 • Language Conversational Xhosa.

02/2016 - 11/2020

University of Johannesburg, Johannesburg
BSc Mathematical Sciences with specialization in Applied Mathematics and Computer Science
 • Computer Sciences 1A, 1B, 2A, 2B, 3A, 3B • Applied Mathematics 1A, 1B, 2A, 2B, 3A, 3B • Calculus 1A, 1B, 2A, 2B • Linear Algebra 1A, 1B, 2A, 2B • Physical Science 1A, 1B • Adapting to science in higher education + Plagiarism and copyright.

11/2021 - present

Udemy(Zero to Mastery), Online Courses
 • 100 Days of Code: The Complete Python Pro Bootcamp for 2022. 64 hr course By Dr Angela Yu
 • Selenium Webdriver with PYTHON from Scratch + Frameworks. 17 hr course By Rahul Chetty
 • Complete Python Developer in 2023: Zero to Mastery. 31 hr course by Andrei Neagoie
 • GUI Development with Python and Tkinter. 11 Hr course by Jose Salvatirra
 • Python for Absolute Beginners. 5 Hr course
 • Statistics for Data Science and Business Analysis. 5 Hr course by 365 Careers
 • Mathematical Foundations of Machine Learning. 17 Hr course by Dr Jon Krohn
 • Discrete Mathematics for Computer Science and Mathematics Students. 19 Hr course by Miran Fattah

Languages

English   — Proficient

IsiXhosa   — Proficient

Afrikaans   — Intermediate

IsiZulu   — Intermediate

References

Ms Amanda Lubbe | Project Manager | AdaptIT Education | 0837881332
Mr SN Baloyi | Mathematics HOD | Barnato Park High School | 0837717773