NHLANHLA MASUKU

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Email · LinkedIn · Github

Process and results-oriented, self-driven professional seeking an entry position in software development, within a company that offers flexibility and opportunity to grow both personally and professionally.

Previous career as an automotive technician has provided me with a well-rounded analytical background and instilled a logical pragmatic approach to tasks, and problem solving.

Possesses reliability, diligence, strong attention to detail and an eagerness to learn about new technologies.

Able to perform well both as a part of a team and on own initiative.

EDUCATION

OCT 2020 – JAN 2021

SOFTWARE ENGINEERING BOOTCAMP, HYPERIONDEV

-Invited to be a guest speaker at the graduation ceremony.
-Displayed tenacity and grit to complete a grueling bootcamp in a short amount of time with an excellent score.
-Used tools such as Python, Java, SQL Databases, HTML, CSS, and Machine Learning.
-Course material consisted of: Version control, design patterns, CS fundamentals, relational databases, object-oriented programming, algorithms, data structures, debugging, testing, software processes, system requirements, quality assurance, deployment and maintenance.

JAN 2010 – NOV 2014

MATRIC, EDENVALE HIGH SCHOOL

EXPERIENCE

SEP 2019 — SEP 2020

AUTOMOTIVE TECHNICIAN, JAGUAR LAND ROVER THE GLEN

-Developed an Automation script for reporting vehicle issues, improving technician productivity.
-Built and utilized strong problem-solving skills.
-Kept updated on vehicle technologies.
-Diagnosed and repaired electrical and mechanical vehicle faults.
-Performed tests on various vehicle systems to ensure functionality.
-Carried out quality assessments of vehicles before and after diagnosis and repair

DEC 2019 — FEB 2020

SERVICE ADVISOR, SERVICE ADVISOR

-Liaised with technicians and parts department, about ordering of parts and ensuring availability when needed.
-Assisted in managing and overseeing of the dealership's schedule and workflow.
-Provided and maintained positive customer relations.

PROJECTS

-Narrow "AI" program that does Google/Wikipedia searches for you using your voice. It then speaks back the result. Planning to convert it onto a vehicle "AI". Technologies: Python, speech recognition.
-A quizzical game using descriptions of an object (e.g. shows, books, even study chapters) using word clouds and you guess what the world cloud is describing. Technologies python, matplotlib.

SKILLS

- Python
- Java
- SQL

- HTML & CSS
- Machine Learning

ACTIVITIES

Youth Leader at local church with the following hobbies: Reading, Music Production, Writing, Video Editing.