

# NHLANHLA MASUKU

ASPIRING DEVELOPER  
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## **SUMMARY**

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.

## **SKILLS**

### **Technical Skills**

- Python
- Java
- SQL
- HTML & CSS
- Machine Learning

### **Soft Skills**

- Communication
- Problem Solving
- Open Mindedness
- Team Work
- Conscientiousness

## **PROJECTS**

- Narrow "AI" program that does Google/Wikipedia searches for you using your voice. It then speaks back the result. Currently learning web technologies to fully implement it as a webapp. 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 word cloud is describing. Technologies python, matplotlib.

## **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**

- Representative class leader during senior years.

**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.

**ACTIVITIES**

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