DITMAR HALLA

Applied Mathamatics Student

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📍 Mittweida, DE   ⌽ ditmarhalla

ABOUT ME

Dedicated young professional looking for the opportunity to gain experience in the field. I try to challenge myself with a variety of projects from **data analysis** using **Pandas**, creating a database and GUI for my father's job using **Python** and **SQL**, to more hardware related project such as using a raspberry pi for computer vision. For more information about my skills and projects, feel free to visit my **GitHub**.

EXPERIENCE

Research Assistant
Hochschule Mittweida

📅 Marh 2021 – Ongoing   📍 Mittweida, DE

- Work on the High-Performance Computing (HPC) to run Computational Fluid Dynamics (CFD) simulations to visualize fluid flow.
- Create shell scripting to automate the running of the simulations.
- Analyse the results using statistical modeling with Matlab.

Quality Assurance Engineer
Forschner Albania

📅 May 2017 – July 2019   📍 Tirana, AL

- Managed various production lines in the Quality Control Department, helping them achieve their target requirements, such as ISO 9001 or VDA 6.3.
- Supervises various production lines with a team of 400 operators to ensure that client's specifications and requirements are satisfied.
- Improve standards using Lean Manufacturing and Six Sigma.
- Lead the entire claims and revision process for external and internal claims at the factory including all communications with clients, funneling feedback.
- Conducting Root Cause Analysis using tools such as Ishikawa, 5-why and preparing the ensuing paperwork (8D Report) as well as implementing and controlling the actions taken by weekly internal 5S Audits.
- Updating the Control Plan, FMEA, MSA in accordance with the specification. Prepare and present quarterly and yearly KPI reports.

Auto Mechanic Trainee
Geni's Auto Sallon

📅 May 2014 – September 2015   📍 Tirana, AL

- Created and maintained a daily database including inventory, details of the problems and repairs, cost, revenue for each repair.
- Diagnosing problems in the vehicles, brainstorming solutions with the chief mechanic, and conducting repairs independently.

EDUCATION

B.Sc. in Applied Mathematics
Hochschule Mittweida

📅 September 2019 – ongoing

B.E. in Materials Engineering
Polytechnic University of Tirana

📅 September 2012 – March 2018

SKILLS

Python 1+ year

SQL 6 months

MATLAB 6 months

Linux(Debian) 7+ years

Shell/Bash Scripting 1+ year

git 1+ year

GitHub 1+ year

AutoCAD 5+ years

Excel/VBA 5+ years

NumPy 1+ year

Pandas 1+ year

Matplotlib 1+ year

Scikit-Learn 2 months

TensorFlow 2 months

LANGUAGES

English (Bilingual)   ●●●●●
German (B1)   ●●●○○
Italian (C1)   ●●●●○
French (B1)   ●●●○○
Albanian (Native)   ●●●●●