**Jihad GARTI**

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<https://github.com/ackerman23>

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**OBJECTIVES**

Final-year software engineering student with over two years of experience in the field. With advanced knowledge in machine learning and AI, having a research experience alongside 45+ completed projects in various areas, NLP, CV, ML, Deep Learning, GenAI and in various fields as well such as medical, industrial, financial etc.. Looking for an internship, or a full time job.

**SKILLS**

|  |  |  |
| --- | --- | --- |
| **Machine learning / AI**  SK-learn / TensorFlow / DNN / NLP/ Pandas / Hugging Face / Django/ Regression/ Langchain/ NLTK | **Software Engineering**  Math / DSA / Data analysis/ Mobile programming / Git / OOP / Database/ Scraping | **Programming languages**  Python / C++ / JavaScript / Kotlin / PostgreSQL / SQL / HTML / CSS |

**EXPERIENCE**

**Research |** *Research Assistant China, Zhenghou* | **09.2024 – Present**

* As a research assistant in Zhengzhou University, I gained hands-on experience using different techniques to achieve the best results in multiclass defect detection. The most valuable takeaway was mastering model fine-tuning and performance evaluation to optimize defect identification and enhance quality control in production processes.

**Freelance |** *ML / AI Remote* | **09.2021 – Present**

* During my journey as a freelancer, I got the chance to help people on their assignments and to work on many projects in the ML and AI area, such as exam generator, heart disease project, network traffic pattern prediction, customer clustering, outfit picker and many other projects

**EDUCATION**

**Zhengzhou University |** *Bachelor of software Engineering China, Zhengzhou* | **09.2021 – present**

* Cumulative GPA (Mandatory courses) : 3.2/4

**Additional Certificates and Bootcamps**

* **ZeroToMastery |** *Machine learning complete bootcamp Online*  | **09.2023**
* **Google |** *Google Avanced Data Science certification Online*  | **01.2024**
* **SQL Bootcamp**  *Online*  | **09.2022**

**PROJECTS**

|  |  |  |
| --- | --- | --- |
| **Defect Detection**  This research aims to develop high-accuracy multiclass defect detection models using advanced machine learning and deep learning techniques. The goal is to optimize production processes by automating defect identification and improving quality control. | **Moroccan-Dialect translator**  This project develops a Moroccan Darija-to-English translator using NLP techniques, addressing the lack of formal resources. Future plans include expanding it into a large language model for enhanced translation and contextual understanding. | **Disease Identifier**  This project uses NLP to analyze symptoms and identify diseases, aiming to reduce diagnosis time and improve efficiency. Future plans include enhancing accuracy and reliability to support more robust medical decision-making. |

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| **English** *Fluent* | **Arabic** Native | **French** *Fluent* | **Chinese** *Intermediate* | **German**  *Beginner* |

**LANGUAGES**