ALEJANDRO MARTÍN AUDEN

Software Developer

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in Alejandro Martín Auden   alex49ma   🌐 alejandromaraud.com

EXPERIENCE

Technology Solutions Graduate
FNZ

📅 July 2024 – Present   📍 Brno, Czech Republic

- Diagnosed and resolved software bugs, ensuring system reliability and performance.

Software Engineer
ORCHESTRA, the leisure platform

📅 January 2023 – March 2023   📍 Seville, Spain

- Backend and API development. Troubleshooting and debugging.

IT Assistant & DB Programmer
Ayesa Advanced Technologies S.A.

📅 September 2022 – January 2023   📍 Seville, Spain

- Conception and implementation of novel mechanisms to streamline the access, manipulation, and visualization of data.

PROJECTS

Quantum Chess and Game Engine 🔗
Python

📅 2023 - 2024

- The project called "Quantum Chess and its evaluation using Stockfish" introduces the first-ever algorithm to play this game designed by Christopher Cantwell.
- It presents an innovative and distinct theory on how to compute quantum states for quantum games based on classic chess engines.

TrashBase 🔗
Distributed Systems Project | Java, SQL, MQTT, C++, ESP8266

📅 2022 - 2023

- This project aims to provide a basis for a Trash-Management System, able to detect full containers, lock them, inform about their state and collect relevant data.

Other Projects

- Elevator HMI (Java, MQTT) 🔗
- Gods Fury, minigame (C#, .NET) 🔗
- ShaFlapp, the app to manage shared flats (Java, Android) 🔗
- Personal portfolio website (HTML, JavaScript, CSS) 🔗

EDUCATION

B.S. in Informatics Engineering
Universidad de Sevilla

📅 Sept 2019 – Jun 2024   📍 Seville, Spain
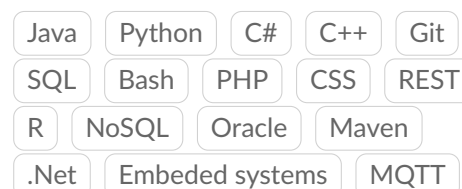
Exchange program in Computer Science
HTWG Konstanz

📅 Sept 2021 – July 2022   📍 Konstanz, Germany

ABOUT ME

- I'm a Spanish software developer living in Brno
- Bachelors degree in Computer engineering
- Enthusiastic about international environments, learning languages and experiencing cultures
- Chess enthusiast, I ran a chess workshop at a public school
- Private lecturer in maths, physics and programming
- Author of two novels and one article
- Curious learner

SKILLS

Java   Python   C#   C++   Git
SQL   Bash   PHP   CSS   REST
R   NoSQL   Oracle   Maven
.Net   Embeded systems   MQTT

LANGUAGES

Spanish	●●●●●
English	●●●●◐
French	●●●○○
Czech	●●○○○
German	●○○○○

COURSES

Sputnik Scholarship:

Intensive Training Program in Exponential Technologies and Start-up Creation.

📅 Sept 2022 – Dec 2022

DeepLearning.AI and Stanford University:

Machine Learning Specialization

📅 Sept 2023 – Nov 2023

IBM courses:

Data Science Tools, Data Science Methodology, Python for Data Science, among others