ALEJANDRO MARTÍN AUDEN

Software Developer

- @ amartinauden@gmail.com
- +420 736 420 918
- Brno, Czech Republic
- Alejandro Martín Auden
- alex49ma
- alejandromaraud.com

EXPERIENCE

Software Engineer
ORCHESTRA, the leisure platform

January 2023 – April 2023   Seville, Spain

- Project in JAVA, for backend and API development. Troubleshooting and debugging.
- Collecting and addressing technical requirements, while maintaining effective communication with clients.

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

August 2022 – January 2023   Seville, Spain

- Conception and implementation of novel mechanisms to streamline the access, manipulation, and visualization of data.
- Daily execution of data processing, ensuring its integrity, accuracy, and optimal functionality.

PROJECTS

Quantum Chess and Game Engine
Python

Present

- 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 – Present   Seville, Spain

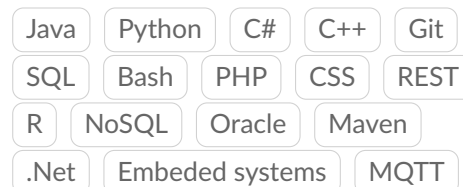### Exchange program in Computer Science
HTWG Konstanz

Sept 2021 – July 2022   Konstanz, Germany

ABOUT ME

- I'm a computer science student
- One exam away from completing a 4-year degree in engineering
- Living in Brno since September
- Author of two novels and one article
- I gave local presentations and talks, and I have experience in speaking in front of an audience
- Chess teacher in a public school
- Private lecturer in maths, physics and programming

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

Idexa Formación:
Application with Oracle Forms, PL/SQL certificate

Sept 2022 – Nov 2022