Amin Kasrou Aouam

Computer Engineering student interested in bioinformatics, AI, Infrastructure as Code (IaC), distributed and immutable systems.

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akasroua

Education

Bachelor, *Computer Engineering*, Universidad de Granada. **2017 – present**

Bachelor, *Medicine*, Universidad de Sevilla. **2015 – 2017**

Bachelor, *Medicine*, Université Paris-Sud. **2013 – 2015**

Courses

Fundamentals of Robotics: Adams Formación

Python Programming: Universidad de Granada

Mobile apps programming for Android and iOS devices: Universidad de Granada

Arduino: Universidad de Granada

Technologies

Programming languages: Python, R, C++, Java, PHP

Tools: LATEX, Git, SQL, Nix, ZFS

Platforms: Linux, FreeBSD, DragonFlyBSD, Android, NixOS

Work Experience

Freelance, *COACE*, Ceuta, Spain. **January 2021 – present**
- System administrator of a regulatory college
- Migration from Ubuntu server to NixOS
- Deployment of a VPN, a cloud and an automated backup solution

Freelance, *Odyfo*, Remote, Spain. **March 2020 – present**
- Rewrite of CRUD API that serves mobile apps using Python (FastAPI)
- Database cleanup and migration to SQLite

Internship, *JITKey*, Remote, Spain. **February 2020 – March 2020**
- Support Manager at a tourist accomodations management startup
- In charge of guest and host communications via email and phone
- Interrupted due to the COVID-19 pandemic

Personal Projects
- Telegram bot to notify of COVID-19 cases (Python)
- Declarative configuration of a home server (Nix)
- Open source contributions to NixOS (Nix)

Languages

English: Fluent

Spanish: Native

French: Native

Arabic (Moroccan dialect): Native