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# Amin Kasrou Aouam

*Computer Engineer interested in bioinformatics, AI and Infrastructure as Code (IaC)*

## Education

**Bachelor, Computer Engineering**, Universidad de Granada. **2017 – 2021**  
**Bachelor, Medicine**, Universidad de Sevilla. **2015 – 2016**  
**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 accommodations 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 students of COVID-19 cases (Python)  
● Declarative configuration of a home server (Nix)  
● Open source contributions to NixOS (Nix)

## Languages

**English**: TOEFL (106/120)  
**Spanish**: Native  
**French**: Native  
**Arabic (Moroccan dialect)**: Native