Amin Kasrou Aouam

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

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in *akasroua*

Education

Master, *Bioinformatics (Engineering)*, Universiteit Gent.		**2021 – present**
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, Shell scripting

Tools: LaTeX, Git, SQL, Nix, ZFS

Platforms: Linux, FreeBSD, DragonFlyBSD, Android, NixOS

Work Experience

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

Freelance, *Odyfo*, Remote, Spain.   **March 2020 – September 2021**
- 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
- 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