



✉ akasroua@gmail.com
🐙 akasroua

Amin Kasrou Aouam

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

Education

Master, *Bioinformatics (Engineering)*, Universiteit Ghent. 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
Tools: L^AT_EX, 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