



✉ akasroua@gmail.com

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Amin Kasrou Aouam

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

Education

Master , <i>Bioinformatics (Engineering)</i> , Universiteit Ghent.	2021 – present
Bachelor , <i>Computer Engineering</i> , Universidad de Granada.	2017 – 2021
Bachelor , <i>Medicine</i> , Universidad de Sevilla.	2015 – 2016
Bachelor , <i>Medicine</i> , 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. ● 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	January 2021 – July 2021
Freelance , Odyfo, Remote, Spain. ● Rewrite of CRUD API that serves mobile apps using Python (FastAPI) ● Database cleanup and migration to SQLite	March 2020 – September 2021
Internship , JITKey, Remote, Spain. ● Support Manager at a tourist accommodations management startup ● Interrupted due to the COVID-19 pandemic	February 2020 – March 2020

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