

TAHA AZIZ BEN ALI

*Computing science undergraduate, free software
hacker and amateur gardener.*

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EDUCATION	Diplôme d'Ingénieur École Supérieure Privée d'Ingénierie et de Technologies	Expected in Nov. 2024
INTERNSHIPS	DevOps Engineer Sofrecom Tunisie – Tunis, Tunisia	Feb. 2024 – July 2024
	<ul style="list-style-type: none">Configured and administered an on-premises OpenShift cluster from the ground up providing a platform for state-of-the-art software deliveryConfigured a Podman-based runner for CI/CD pipelines using Ansible resulting in a quick and secure supply chainSetup CI/CD pipelines on GitLab for a project consisting of 15 Spring Boot microservices and libraries using custom-made templatesAutomated deployments of cluster-level (Strimzi, MinIO and LVM) and application infrastructure to OpenShift using reusable and fully-documented Terraform modules	
	Data Scientist ESPRIT-Tech – Tunis, Tunisia	July – Sept. 2023
	<ul style="list-style-type: none">Reviewed and evaluated the latest research involving IEEE 802.11be coordinated networksEvaluated the correlation between different link parameters in 802.11ac using a plethora of numerical and visualization libraries	
	Backend Developer Arab Tunisian Bank – Tunis, Tunisia	July – Aug. 2022
	<ul style="list-style-type: none">Developed a Ruby on Rails API allowing clients to make secure and instantaneous transactions with other (possibly external) clients using JWT for authentication and Twilio's messaging APIs for the underlying OTP mechanism	
	Full Stack Developer HLi Consulting – Tunis, Tunisia	July – Sept. 2021
	<ul style="list-style-type: none">Improved and rewrote parts of an internal legacy .NET web applicationsFixed long-standing bugs and design inconsistencies	
OPEN SOURCE PROJECTS	Giornata Journaling system for GNU Emacs that is hierarchical in nature and unobtrusive by design.	2024
	Macchina Command-line system information tool powered by its own library, written in Rust with an emphasis on performance, available in a number of official package repositories and supporting a multitude of operating systems.	2021
APTITUDE	I'm a well-seasoned Linux user. I have authored and maintain a number of open source projects written mostly in Rust and Lisp. I am really interested in software containerization. I do my little experiments on an old laptop-turned-homelab that currently powers Kubernetes among other delightful burdens. I find immense joy in	

designing and building my own computing environment, a great excuse to mess around with bleeding edge technologies.