

# NEBOT FONKOU CHRISTIAN PARFAIT

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📍 Ariana, Tunisia

in LinkedIn

🐙 Github

## 🎓 Education

2023/11 – present  
Remote

**Africa to Silicon Valley (A2SV) - Backed by Google** ☑

- A2SV has placed **50+** students at **top-tech** companies such as **Google, Bloomberg, Databricks, Amazon, LinkedIn, and Square** in the last four years.

Objectifs : Enhance Python programming skills through Competitive Programming challenges, achieving top 5% ranking in international coding competition and securing internship at leading tech companies.

2020 – 2025  
Ariana, Tunisia

**Computer Engineering**, The Private Higher School of Engineering and Technology (ESPRIT) ☑  
Specialization : Artificial Intelligence (Ongoing 2 nd year)

## 💼 Professional Experience

2023/10 – present  
Remote, Cameroon

**LOGONEDIGITAL**, Data Analyst Instructor ☑

As **Head of the Data Analyst** course department, I developed comprehensive data analysis **course schedules**. I conducted **training sessions** for career changers and facilitated hands-on workshops spanning **4 months**. I assessed and tracked the progress of over **10 students**.

Keywords: SQL, Python, data visualization, and statistical analysis, machine learning.

## 🏆 Awards

2024

**Hedera Hashgraph Hackaton - 2 nd place**, Hedera Association & Dar Blockchain  
price : \$500 | Tunis, Tunisia | 2 nd place / 20 Teams from 9 countries

2023

**Generative AI Hack For Africa- 1st place**, Africa To Silicon Valley (A2SV)  
price: \$10,000 | Addis Abeba, Ethiopia | 1st place / 866 Teams from 47 countries

2023

**AIHACK - Machine Learning - 3rd place**, DeepFlow

2024

**ESPRIT GREEN ACT - Top 5 Projects**, ESPRIT

## 🧠 Skills

Competitive programming, Problem Solving, DSA (Data Structures and Algorithms), Python, C (Programming Language), C++, Java

## 🌐 Languages

**English**

Highly proficient in speaking and writing

**French**

Highly proficient in speaking and writing

## 📄 Certificates

IBM Professional Machine Learning Certificate (Coursera)

Fundamentals of Deep Learning (NVIDIA DLI)

## 📁 Internships

2023/07 – present  
Remote, Canada

**Hydroquebec & ESPRIT TECH**, Research Intern

Exploring a novel approach for object detection within LiDAR 3D point clouds, utilizing techniques such as machine learning, neural networks in computer vision and hough transform.

Keywords : Hough Transform, RandLa-Net, Xgboost, Dbscan, Pdal

2023/08 – 2023/10  
Tunis, Tunisia

**Elyadata**, AI Intern


Developed an enhanced table extraction system from PDFs/Images using a custom dataset.

Keywords: Computer Vision, PyTorch, TensorFlow, YOLOv8, FastAPI, Git

2023/06 – 2023/08 Tunis, Tunisia	<b>ESPRIT TECH, AI Intern</b> Developed a tool to generate images from Tunisian real estate description by fine-tuning pre-trained models. Keywords: Transfer learning, GANs, NLP, Tokenization, Transformers, BERT, Fine-tuning, Stable Diffusion
2022/06 – 2022/08 Tunis, Tunisia	<b>ESPRIT TECH, Software Developer Intern</b> Developed a showcase platform for the for the IRIS research laboratory: Front and back-office. <u>Keywords:</u> Symfony 5, PHP, Twig, Doctrine, MySQL, HTML, CSS, JavaScript, jQuery

## Projects

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2023/09 – 2023/11	<b>CogniPath, 1st Place in A2SV Hackathon</b>  <ul style="list-style-type: none"> <li>Developed a generative AI platform using OpenAI's GPT-3.5 Turbo and Stable Diffusion models to assist children with learning disabilities, focusing on autism spectrum disorder.</li> </ul> <u>Keywords:</u> <i>Generative AI, OpenAI API, GPT-3.5 Turbo, Stable Diffusion, Flask, Python, HTML, CSS, Azure, Docker, Git</i>
2023/02 – 2023/05	<b>Vizionary, Academic project</b> <ul style="list-style-type: none"> <li>Created a mobile app leveraging AI for visually impaired supermarket navigation.</li> <li>Integrated real-time object detection and vocal assistance features to provide a seamless guided experience.</li> </ul> <u>Keywords :</u> <i>Computer Vision, YOLO-V8, Object Detection, OpenCV, TensorFlow, Flutter, Mobile-Net SSD, Pytorch, TensorFlow</i>
2022/09 – 2023/01	<b>TraffInsights, Academic project</b> <ul style="list-style-type: none"> <li>Developed a web application offering descriptive and predictive analysis of traffic accidents in the UK.</li> <li>Utilized Power BI for data visualization and machine learning models for predictive analytics.</li> <li>Provided insights into accident patterns, contributing factors, and potential risk mitigation strategies.</li> </ul> <u>Keywords:</u> <i>Data Visualization, Power BI, Machine Learning, Django, Predictive Analytics, Data Mining, Python, JavaScript, scikit-learn</i>

## Organizations

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2022/09 – present ESPRIT, Tunisia	<b>International Department, Student Monitoring and Support Supervisor</b> <ul style="list-style-type: none"> <li>Oversaw a diverse international student body of over <b>200 students</b> from <b>15+ nationalities</b>.</li> <li>Welcomed and provided comprehensive support to over <b>15 new international students in 2 years</b>, facilitating their seamless administrative, social, and academic integration on campus.</li> <li>Ensured successful onboarding and continuous guidance throughout their educational journey.</li> </ul>
2021/09 – 2024/01 ESPRIT, Tunisia	<b>Club Coexister, Club Interculturel, Marketing Manager</b> <ul style="list-style-type: none"> <li>Crafted engaging social media content to promote the club.</li> <li>Devised and executed digital marketing strategies for effective club promotion.</li> </ul>