

# Housseem Hkiri

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## Professional Profile

Industrial Engineering sophomore at ENIT, seeking a summer internship to leverage my skills in consulting, financial management, and data engineering. Backed by hands-on experience, I turn data into high-impact decisions while consistently applying quality management principles. A curious fast learner, I thrive in innovative and collaborative teams.

## Education

**National Engineering School of Tunis (ENIT)** *Sep. 2023 – Present*  
*Industrial Engineering – 2<sup>nd</sup> year*

- **Key courses:** Applied Mathematics, C Programming, Python, Economics, Operations Research and Optimization, Financial Management, Project Management, Operations Management, Quality Management

**Preparatory Institute for Engineering Studies El Manar** *Sep. 2020 – Jun. 2023*  
*Math-Physics Track (Rank 460 / 1830)*

**Ibn Abi Dhiaf High School** *Sep. 2016 – Jul. 2020*  
*Baccalaureate in Computer Science with Honors*

## Professional Experience

**Intern – dB.Sense** *Jul. 2024 – Aug. 2024*

- Digitized audiograms with Python (YOLOv5), boosting accuracy and cutting manual errors
- Spearheaded demand for a new diagnostic tool: time-series models reaching 90% accuracy, optimizing resource allocation for the audiology department
- **Tech stack:** Python, SQL, YOLOv5, NumPy, Pandas, Seaborn, Scikit-Learn, OpenCV

**Freelance – Developer · Event Photographer · Video Editor** *Sep. 2018 – Aug. 2021*

- Built and deployed five custom chatbots (Python / JavaScript); automated 80% of client queries, saving 20+ support hours weekly
- **Tools:** Adobe Premiere Pro, Photoshop, Lightroom, Python, SQL, JavaScript

## Projects

**ENIT Junior Enterprise Website** *May 2025*

- Engineered [www.enitje.com](http://www.enitje.com) and an admin CMS dashboard that streamlines content publishing
- **Stack:** Next.js, React, Node.js, Supabase, PostgreSQL

**Social Network Analysis – Year-End Project II** *Apr. 2025*

- Modeled and analyzed a social network with centrality metrics, community detection and an interactive Streamlit dashboard
- **Stack:** Python, NetworkX, Streamlit, Plotly, Pandas, Seaborn

## Leadership & Responsibilities

**Treasurer & Marketing Lead – ENIT Junior Enterprise** *Aug. 2024 – Present*

- Full financial oversight: budgeting, cash management, reporting
- Secured tax compliance (VAT, corporate tax, withholding) for a six-figure annual turnover
- Led a multichannel marketing strategy and safeguarded brand image

**Financial Consultant – Junior Enterprises Tunisia (JET)** *Sep. 2024 – Present*

- 60+ consulting hours with Junior Enterprise treasurers: diagnosing and optimizing cash-management processes; delivered 15+ analytical reports

## Skills

**Programming languages:** Python, C, SQL, HTML, CSS, JavaScript  
**Frameworks & tools:** React, Next.js, Supabase, Streamlit, Scikit-Learn, Git/GitHub, L<sup>A</sup>T<sub>E</sub>X, Power BI  
**Productivity & collaboration:** Google Workspace, Microsoft Office, Adobe Suite  
**Standards & frameworks:** ISO 9001, ISO 20700, ISO 27001, NCT 45 (non-profit taxation), Decree-Law 88-2011  
**Languages:** Arabic (native), French (B2), English (C1)