Chedy CHAABEN

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Software Engineering Student

Hello! I am a second-year software engineering student driven by a passion for tackling complex problems and delivering creative, impactful solutions. My experience spans web development, designing and building RESTful APIs, back-end system integrations, creating automation tools and developing machine learning models. I am enthusiastic about taking on diverse challenges and contributing to meaningful and transformative projects.

Education

NAPU — International Institute of Technology *Engineering Degree in Software Engineering and Decision-Making Informatics* *Sept 2023 – May 2026*

- **Coursework:** Programming & Software Development, Mathematics for Computing, Systems & Databases, Web & Network Technologies, Artificial Intelligence & Data Analysis, Project Management & Ethics

ISIMS — Higher Institute of Computer Science and Multimedia *BS in Big Data and Data Analysis* *Sept 2020 – May 2023*

- **Coursework:** Data Security, Advanced Data Processing & Big Data Analytics, Data Visualization, Artificial Intelligence & Machine Learning

Experience

ZetaBox *Tunisia (On-site)*
Software Engineer Intern *July 2024 – Aug 2024*
DocuGest : FARM Stack Web Application

Lefkowitz Development Services *USA (Remote)*
Part-Time Contract *Jan 2024 – May 2024*
FastAPI Web API: Payment System Integration of Qolo & Unit Testing

Perfaxis *Tunisia (On-site)*
End of Studies Intern *Feb 2023 – May 2023*
Reporting Solution for Mazda: Business Intelligence, ETL, and Power BI Visualization for Analysis

PixiMind *Tunisia (On-site)*
Undergraduate Intern *July 2022 – Aug 2022*
WebClassifyPredict : FARM Stack Web Application & ML Model Training

OuiWin.fr *France (Remote)*
Undergraduate Intern *June 2021 – Aug 2021*
DailyWork : HR Management Django Web Application

Certificates

IT Specialist - Artificial Intelligence ↗ Oct 2024

- Artificial Intelligence
- Machine Learning Models
- Amazon Web Services

IT Specialist - Python ↗ Mar 2024

- Python

Google through Coursera - Data Models and Pipelines ↗   Mar 2024
- Extraction, Transformation And Loading (ETL)
- Data Management
- Database Optimization

Meta through Coursera - APIs ↗   Oct 2023
- REST APIs
- Authentication and authorization
- Serializers and deserializers

Microsoft - HTML and CSS ↗   May 2021
- HTML5
- CSS

Projects

Data Collection of Emojis from Unicode.org, Emojipedia, Dictionary.com and EmojiTerra ↗
- Created a web scraper to extract data from multiple websites and streamlined the ChatGPT generation process using prompt engineering techniques.
- Tools Used: Bs4, Selenium, OpenAI API

Sage Restaurant ↗
- Developed a web application for a restaurant.
- Tools Used: C#, .NET, Entity Framework, SSMS

Portfolio Website ↗
- Built a portfolio website.
- Tools Used: Vanilla Php

Technologies

Languages: Python, Java, SQL, C, C++, C#, Php, JavaScript

Technologies:
- **Web Frameworks:** Django, FastAPI, Streamlit, Laravel
- **Databases:** Sql Server, MySQL, PostgreSQL, MongoDB
- **Frontend Development:** ReactJS, MaterialUI
- **Data Analytics & Machine Learning:** Pandas, NumPy, Scikit-Learn, Power BI, SSIS, SSMS
- **DevOps & Tools:** Docker, Git, GitHub, Postman, Bitbucket
- **Cloud Services:** AWS
- **Deployment:** Heroku, Vercel, Oxahost
- **Web Scraping & Automation:** BeautifulSoup, Selenium, AntiCaptcha, Brightdata Proxies
- **API Development & Frameworks:** Django Rest Framework (DRF), ASP.NET
- **Agile Methods & Tools:** SCRUM, Jira