

# Chahine Ben Ali

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Tunis, 11 2074  
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## Professional Summary

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Highly skilled Data Scientist with extensive experience in leveraging advanced analytics and machine learning to drive actionable insights and strategic decision-making. Proficient in designing and implementing predictive models, optimizing data pipelines, and utilizing a range of tools including Python, R, TensorFlow, and Scikit-learn. Demonstrated expertise in data visualization, statistical analysis, and NLP techniques to solve complex business problems and enhance operational efficiency. Adept at collaborating with cross-functional teams to translate business requirements into data-driven solutions and delivering impactful results.

## Work Experience

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### *Freelance*

#### *Data Scientist / Data Analyst / AI Developer*

*Sep 2023 - Current*

- Built predictive analytics solutions using Python and R
- Designed and implemented machine learning algorithms using Scikit-learn, including predictive models such as XGBoost and clustering techniques like K-Means, to enhance decision-making and strategic planning
- Developed and deployed computer vision models using TensorFlow and OpenCV, achieving high accuracy in image classification and object detection, which significantly enhanced automated visual inspection processes and operational efficiency
- Implemented natural language processing (NLP) algorithms to analyze customer feedback
- Created automated dashboards using Tableau and Power BI, streamlining reporting processes for clients, saving 10+ hours per week in manual analysis
- Developed and implemented web scraping solutions using Selenium and BeautifulSoup to extract and collect large datasets, automating data warehousing processes.

### *SeekMake*

*Tunis, Tunis*

#### *AI & Python Developer Intern*

*Sep 2024 - Oct 2024*

- Developed and deployed a chatbot using OpenAI models, integrated with Langchain and Python.
- Fine-tuned and optimized models for enhanced performance.
- Designed and implemented a secure database architecture, ensuring safe data storage and preventing data leakage.
- Deployed the chatbot on Azure and Zoho platforms, enhancing customer engagement through real-time automated responses.

### *PeakSource*

#### *Web Developer Intern*

*Jul 2023 - Aug 2023*

- Contributed to the development of a web application using Next.js, improving site

- performance and user experience by optimizing key features
- Assisted in implementing Behavior-Driven Development (BDD) testing frameworks using Selenium
- Supported continuous integration and deployment (CI/CD) pipelines using Jenkins, automating deployment processes
- Generated detailed test reports with Allure Reports, providing actionable insights into software quality and helping the team identify critical issues faster.

## Education

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*Tunis Business School*

*Jun 2025*

*BBA: Information Technology / Business Analytics*

## Skills

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|-------------------------------|---|
| ▪ Python Programming          | ▪ R Programming                           |
| ▪ Data Cleaning               | ▪ Data Visualization                      |
| ▪ Machine Learning            | ▪ Predictive Modeling                     |
| ▪ Data Analytics              | ▪ Time Series Analysis                    |
| ▪ Natural Language Processing | ▪ Database Management Systems             |
| ▪ Team Collaboration          | ▪ Source and Version Control: Git, Github |
| ▪ Data Warehousing            | ▪ Adaptability and Flexibility            |
| ▪ Interpersonal Communication |   |

## Awards

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- 1st Place Award in ML Night: Recognized for outstanding performance in a competitive machine learning event, showcasing expertise in model development and innovative solutions.
- Certificate of Appreciation, Google Developer Student Clubs (GDSC): Awarded for delivering a successful workshop, demonstrating strong presentation skills and contributing to community knowledge sharing.