BOUCHY Elliot

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INTERN DATA SCIENTIST

As a final-year engineering student specializing in **data science** and **artificial intelligence**, I have solid experience in **computer vision**, **machine learning**, and **application development**. My academic projects have allowed me to develop innovative solutions for **facial recognition** and **process automation**. I am currently seeking a final-year **internship** as a **Data Scientist**, and I am motivated to apply my technical skills to solve complex problems and contribute to ambitious projects.

KEY COMPETENCIES

Computer Vision	Deep Learning	Curiosity
Machine Learning	Microsoft Azure	Proactive and self-motivated
SQL	GCP	Critical thinking

EXPERIENCE

EURECOM - Biot   **Feb 2024 - July 2024**
Semester Project
Development of a facial **micro-expression detection** system using **computer vision** and **event-based cameras**. The project combined **machine learning** algorithms and **spiking neural networks** to analyze human emotions with enhanced accuracy. This work enabled the capture of subtle facial movements in real time, opening up new possibilities in the fields of psychology, security, and human-computer interfaces.

Renault Trucks - Lyon   **Jan 2022 - Aug 2023**
Computer Science Internship
Development of a safety inspection application using **Power Apps** to optimize tile control. Designed an intuitive user interface. Collaborated with stakeholders to define requirements. Managed a **SharePoint** database for **tracking** and **analyzing results**. Participated in testing and user validation phases. Automated **Excel** processes through **VBA macros**, improving operational efficiency.

EURECOM - Biot   **July 2020 - Jan 2022**
Semester Project
Development of an intelligent system guiding a visually impaired person through an obstacle course, using a Raspberry Pi and MATLAB. The system detects obstacles and alerts the user through audio feedback. Designed and tested image and voice processing algorithms, with team project management to ensure accuracy and reliability.

EDUCATION

Engineering Degree 2022 - 2025
Majors: Data science
EURECOM - Biot

Exchange Semester Sep 2024 - Feb 2025
University of Liège - Liège

Preparatory Classes for Engineering Schools 2019 - 2022
Aux Lazaristes - Lyon

EXTRACURRICULAR ACTIVITIES

Vice President, Tennis Club
EURECOM
HOBBIES
Sport
Reading
LANGUAGUES
French - Native Language

English - B2

Mandarin Chinese - A2