

# Abdessamad Ait Elmouden

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## EDUCATION

- **Bachelor of Science in Computer Science** 09/2021 – present  
*Al Akhawayn University in Ifrane*
  - **GPA:** 3.85/4.00
- **Exchange Semester** 09/2024 – 01/2025  
*Roskilde University*
- **Baccalaureate in Mathematics** 07/2021  
*Al Masira Al Khadra*
  - **Achievement:** First Rank in the Chtouka Ait Baha Region (Mathematics Major)

## EXPERIENCE

- **Software Engineer - Freelance** 03/2025 – present  
*UGF-UM6P*
  - Developed a gamified AI-integrated platform for sustainable business models.
  - **Skills:** Golang, React, Typescript
- **Software Developer - Freelance** 07/2024 – present  
*FACILACOM*
  - **Medicaments au Maroc:** Developed a React Native app with over 1,000 active users.
  - **Medicament.ma:** Maintained a WordPress website for medication search with 500,000+ monthly active users.
  - **Pharmacie.ma:** Developed a platform for Moroccan pharmacy information using Zend Framework.
  - **Skills:** Git, AWS, Shell, Python, React, JavaScript, TypeScript, React Native, HTML, CSS.
- **Software Developer (Part-time)** 01/2024 – 12/2024  
*neoCedrus*
  - Collaborated with a student-led team to Develop xPress.aui.ma for anonymous university feedback.
  - Managed production servers for multiple web applications as a devOps specialist.
  - **Skills:** React, TypeScript, Tailwind CSS, Express, Jest, MongoDB, Docker, Git, Agile, Shell, Python.
- **Data Engineer and Analyst (Part-time)** 06/2023 – 01/2024  
*CLE - Center for Learning Excellence*
  - **Analysis:** Structured and analyzed academic data to measure the impact of tutoring services.
  - **Skills:** Probability theory, Python, MongoDB, PowerBI, Metabase.

## AWARDS

- **Moroccan Champion:** VEX-U Robotics Tournament (2024, 2023), Vex.
- **Best Group Project Award:** Huawei Tech4Good Competition (2023), Huawei.
- **Full Merit-Based Scholarship:** Al Akhawayn University in Ifrane (2021).

## ORGANIZATIONS

- **Katuripu** 9/2022  
*Youtube Channel*
  - Produced engaging educational content in Moroccan Arabic with interactive visuals, using Manim (Python).
  - Specialized in mathematics and computer science topics.

## LANGUAGES

- **Fluent:** English, Arabic, Tamazight.
- **Intermediate:** French