

# AMIRA ROUMILI

## ARTIFICIAL INTELLIGENCE STUDENT

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### SUMMARY

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As a third-year Artificial Intelligence engineering student at the National Higher School of Artificial Intelligence (Algeria), I bring a strong grasp of algorithms, data mining, software engineering, and networks. With a genuine curiosity for emerging technologies and a track record of hands-on project work, I'm eager to gain real-world experience through a professional internship. I thrive in collaborative environments, learn quickly, and approach challenges with both passion and persistence.

### TECHNICAL SKILLS

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- **Programming Languages:** Python, Java, JavaScript, Dart, C/C++, PHP, Golang, SQL, R.
- **Frameworks & Tools:** Flask, ReactJS, Flutter, Node.js.
- **Databases:** SQLite, MySQL, Firebase, PostgreSQL, MongoDB.
- **Operating Systems:** Linux (Ubuntu/Kali), Windows.
- **Expertise:** Full-Stack Web Development, Mobile App Development, Data Analysis & Modeling, Optimization, UI Design, Video Editing.
- **Software & Platforms:** Git & GitHub, VS Code, Android Studio, Arduino IDE, Wireshark, GNU Octave, Cisco Packet Tracer, Logisim Evolution, Notion, Asana, Vercel.

### ACADEMIC PROJECTS

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(Click for github repository)

- **Adoptron:** website for adopting cats and dogs, with an integrated store for pet accessories.
- **Restaurant Chain Management System:** a platform for managing owned and franchised restaurants.
- **Timetabling at ENSIA:** generate efficient academic schedules based on real data using AI.
- **Health Clinic Surgery Management:** a system for organizing and tracking surgeries.
- **Tourista:** a mobile app that guides users through Algerian tourist sites.
- **Distributed Storage App:** a mobile app for storing and syncing data across multiple devices.
- **Data Analysis and Modeling :** Data Mining , Machine Learning , Time Series Analysis & classification.
- **Keylogger:** device that injects predefined commands into a computer when plugged in.
- **Password security checker:** that helps users test the strength of their passwords before using them.

### EDUCATION

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National Higher School of Artificial Intelligence (ENSIA), Algeria

Engineering in Artificial Intelligence – 3rd Year

Sep 2022 - Present

Graduation Year: 2027

- Completed over 1800 hours of rigorous coursework covering mathematics, programming, artificial intelligence, software engineering, networks, and data science.

### SOFT SKILLS

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- Problem-solver with strong analytical thinking.
- Adaptable, proactive, and quick to learn.
- Team player with clear communication skills.
- Detail-oriented and committed to quality.

### ADDITIONAL INFORMATION

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- **Languages:** Arabic (native), french(B2), English(C2).
- **Activities:** Organizing and working with the school's clubs.