

## EDUCATION

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- **ENSIAS** Rabat  
*Master in Data Science; CGPA: 7.71* *July. 2014 – May. 2019*

## EXPERIENCE

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- **Accenture** Casablanca  
*Machine Learning Engineer* *Sep 2022 - Present*
  - **Task 1:** Implemented NLP solutions for text analysis and sentiment detection
  - **Task 2:** Built recommendation systems using collaborative filtering and deep learning
  - **Task 3:** Developed ML models for prediction and classification achieving 90%+ accuracy

## PROJECTS

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- **Hotel Booking System:** Developed an online hotel reservation system with search filters, availability calendar, payment processing, and booking management.
- **Real-time Chat Application:** Built a scalable real-time messaging application supporting group chats, file sharing, and video calls using WebSocket and Redis for message queuing.

## SKILLS

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- **Proficient:** Scikit-learn, Hadoop, Kafka
- **Comfortable:** Scrum, Microservices