

## EDUCATION

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- **ENSA Marrakech** Marrakech  
*Master in AI and Machine Learning; CGPA: 8.42* *July. 2017 – May. 2022*

## EXPERIENCE

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- **Capgemini Maroc** Casablanca  
*Data Engineer* *Oct 2021 - Present*
  - **Task 1:** Created data visualization dashboards for business intelligence using Power BI
  - **Task 2:** Designed and implemented data warehouses using PostgreSQL and Redshift
  - **Task 3:** Developed data quality frameworks ensuring data accuracy and consistency
- **Capgemini Maroc** Casablanca  
*Full Stack Developer* *May 2018 - Oct 2019*
  - **Task 1:** Developed user authentication system with JWT and OAuth2 integration
  - **Task 2:** Implemented real-time features using WebSocket for live notifications and updates
  - **Task 3:** Created admin dashboard with analytics, reporting, and data visualization capabilities
- **OCP Group** Casablanca  
*Full Stack Developer* *Jul 2017 - Jun 2018*
  - **Task 1:** Implemented real-time features using WebSocket for live notifications and updates
  - **Task 2:** Built responsive web applications using React and Node.js with Redux state management
  - **Task 3:** Developed user authentication system with JWT and OAuth2 integration

## PROJECTS

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- **Hotel Booking System:** Developed an online hotel reservation system with search filters, availability calendar, payment processing, and booking management.
- **Learning Management System:** Built an online education platform with course management, video streaming, quiz system, and student progress tracking.

## SKILLS

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- **Proficient:** Scikit-learn, Java, NumPy, PHP, Node.js
- **Comfortable:** Redis, Cassandra, GraphQL, MySQL, RabbitMQ