

## EDUCATION

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- **Université Hassan II** Casablanca  
*Master in AI and Machine Learning; CGPA: 8.99* *July. 2017 – May. 2020*

## EXPERIENCE

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- **Majorel** Rabat  
*Full Stack Developer* *Sep 2021 - Present*
  - **Task 1:** Created admin dashboard with analytics, reporting, and data visualization capabilities
  - **Task 2:** Developed user authentication system with JWT and OAuth2 integration
  - **Task 3:** Implemented real-time features using WebSocket for live notifications and updates
- **BMCE Bank** Casablanca  
*Mobile Developer* *Apr 2018 - Nov 2020*
  - **Task 1:** Built cross-platform mobile apps using React Native for iOS and Android
  - **Task 2:** Developed native Android applications using Kotlin and Jetpack Compose
  - **Task 3:** Integrated push notifications, analytics, and crash reporting services
- **Maroc Telecom** Rabat  
*Backend Developer* *Jan 2016 - Nov 2018*
  - **Task 1:** Architected and developed backend services using Python Django and PostgreSQL
  - **Task 2:** Developed message queue system using RabbitMQ for asynchronous task processing
  - **Task 3:** Built RESTful APIs following best practices with proper error handling and validation

## PROJECTS

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- **Data Analytics Dashboard:** Implemented an interactive dashboard for business intelligence with real-time data visualization, reporting features, and predictive analytics.
- **Hotel Booking System:** Developed an online hotel reservation system with search filters, availability calendar, payment processing, and booking management.

## SKILLS

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- **Proficient:** Java, Ruby, Android, Node.js, Express.js
- **Comfortable:** MongoDB, CSS, PostgreSQL, DynamoDB, Vue.js