

Ilias Rais

Software Engineer | Frontend Developer | UX/UI Designer

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SUMMARY

Software Engineering student with over a year of experience in UX/UI design and frontend development. Skilled in creating user-friendly web applications and eager to grow as a full-stack developer. Passionate about learning and solving problems.

EDUCATION

ENSAM Casablanca Casablanca, MA
Engineering Cycle - Computer Science and Artificial Intelligence Sep 2022 – Present

ENSAM Casablanca Casablanca, MA
Preparatory Classes - Grade: 14.77/20 - Ranking: 5th/210 Sep 2020 – July 2022

El Massira High School Casablanca, MA
Baccalaureate in Physical Science - Grade: 17.55/20 Sep 2018 - July 2019

EXPERIENCE

Bymaro (Bouygues Construction Subsidiary) Rabat, MA
Developer and UX Researcher | Internship 2 Months | Jun 2024 - Aug 2024

- Conducted comprehensive UX research, meeting with stakeholders and managers to identify opportunities for AI implementation in construction sites and digital platforms.
- Authored a detailed roadmap-document outlining needs and solutions, driving the AI and software strategy for the company.
- Designed and developed the UI of a quality management platform with three user roles (Admin, Responsible QHSE, Responsible Quality) using Next.js and Django, **reducing data chaos and centralize all the data**.
- Implementing an AI model that automated data extraction from PDFs to Excel, with **data accuracy of 95%**.
- Links: [Behance](#)

Naoris Consulting Casablanca, MA
Full-Stack Developer and UX/UI Designer | Internship 4 Months | Mar 2024 - July 2024

- Created an automated pentesting program using LLM and open-source tools, capable of **generating detailed reports up to 100 pages**, covering comprehensive vulnerability assessments, and **identifying up to 95% of overall vulnerabilities** in target systems.
- Developed and maintained the company website, **enhancing site performance by 20%**.
- Led UX/UI design on client projects, including a high-profile project for the region of Casablanca-Settat.
- Links: [Naoris Consulting Website](#)

10ten San Francisco, US
Frontend Developer and UX/UI Designer | Internship 2 Months | Apr 2024 - Jun 2024

- Redesigned and Developed the main website's user interface.
- Conducted usability studies on the company's SASS and improved the overall usability.
- Created visually compelling social media assets for the marketing team.
- Links: [10ten Website](#)

Gwala Casablanca, MA
UX/UI Designer | Part-time Job 6 Months | Jun 2023 - Nov 2023

- Streamlined HR processes by implementing time-tracking, e-documents, and e-vouchers, **reducing administrative workload by 40% and improving HR efficiency**.
- Designed the e-voucher system to include a network of over 5,000 merchants, boosting merchant sales and providing employees with a broader range of benefits.
- Conducted usability studies and implemented key findings, **resulting in a 20% increase in user satisfaction** with the platform's navigation and functionality.
- Redesigned the Gwala website, improving overall usability, and reducing user edge cases.
- Collaborated with cross-functional teams to ensure smooth deployment of new features.

PROJECTS

- **Bib Number Detection for Marathon Images:** Designed and Developed a web application enabling photographers to upload marathon images and runners to search for and download their photos by bib number, using **Roboflow**, **YOLOv8**, **Nextjs**, **Flask**.
- **All-in-One Website:** Designed and Developed a Website that gathers all the AI tools and filter them into categories using **ReactJS**, **Tailwind** and **Restful APIs**.
- **BlogSphere Website:** Developed a Blog website with the Admin Dashboard using **Angular**, **Laravel**.
- **UnityKick - World Cup 2030:** Designed and Developed a one-stop platform gathering all the information related to the upcoming world cup 2030 hosted in Morocco, using **Tailwind**, **ReactJS** and **Restful APIs**.
Links: [Behance](#) | [Website](#)
- **Usability Study Redesign of FSJES Website**
Links: [Behance](#)

SKILLS

- **Programming Languages:** Javascript, C, Python, PHP, Java
- **Web Technologies:** NextJS, ReactJS, Tailwind, Bootstrap, Redux, ShadCn, Vite
- **Database Query Languages:** SQL, MongoDB
- **Design Tools:** Figma, Adobe Suite, Canva
- **Collaboration Tools:** Git, Github, Slack, Jira, Notion, Discord, Agile/Scrum
- **Others:** UML, Android Studio, UnityHub, Roboflow, Yolo, PowerBI...

AWARDS

- Gitex Africa 2024 Smart Cities Hackathon | **Second Prize**
- International Smart Cities Hackathon in Martil | **First Prize**
- The Pitch By ENCG Settat | **"Coup de coeur" Prize**
- DevJam v2.0 By ENSIAS IT CLUB | **First Prize**

PROFESSIONAL CERTIFICATES

- Google UX Design Professional Certificate (**7 Courses**)
- Meta Front-End Developer Professional Certificate (**9 Courses**)

EXTRACURRICULAR EXPERIENCES

Computer Science Club	<i>ENSAM Casablanca, MA</i>
<i>Instructor Consultant Head of Social Media and Graphic Design</i>	Nov 2021 - Dec 2023
Student Association HAWKS	<i>ENSAM Casablanca, MA</i>
<i>Head of logistics Graphic Designer</i>	Dec 2021 - Dec 2022

VOLUNTEERING

- GDG Devfest Casablanca 2022
- Forum des entreprises ENSAM Casablanca 2022
- IA Africa Competition 2021

LANGUAGES

- **English:** Fluent
- **French:** Conversational
- **Arabic:** Native Language