

Houda Cherkaoui

FULL STACK WEB DEVELOPER

Portfolio URL

[Github](#) | [Linkedin](#)

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EXPERIENCE

MICROVERSE, *Remote*

Mentor (Volunteer) | February 2020 – October 2020

- Mentored junior web developers, providing technical support through code reviews.
- Proposed improvements to code organization to improve code quality and overall performance.
- Provided advice and tips on how to maintain motivation to maintain longevity in the program.

OXFAM, *Rabat, Morocco*

Quality and Monitoring Evaluation Accountability and Learning officer | December 2017 – July, 2019

- Designed an advocacy program that tackles fiscal inequalities in Morocco and the development of its MEAL system.
- Conducted of an Outcome Harvesting process to prepare the final evaluation of an advocacy project related to the political participation of women and youth in Morocco.

GROUP JOUMANI (a private holding- Energy, transportation, and Agriculture), *Temara, Morocco*

Projects engineer- R&D and Business development unit | October 2014 – November 2017

- Developed, monitored, and coordinated industrial projects (Sardine Cannery and packing unity, Car's concessionary: around 300 million MAD of investment)
- Managed administrative procedures and partnership with government and public administrations,
- Conducted Market studies, sector analysis, and solved production problems (like cost life cycle analysis, production forecasting, and optimizing).

City and environment Laboratory, *Strasbourg, France*

Research Intern | January 2013 – September 2013

- Development of interactive Maps
- Participated in building the REMUS research project for the urban mobility of Strasbourg city.

NOKIA- (GPS mapping subsidiary), *Casablanca, Morocco*

GIS analyst | October 2009 – August 2012

- Data collecting, Data analysis, Data Modeling

TRANSITEC- (Urban mobility and transport consulting firm), *Rabat, Morocco*

SKILLS

Front-End: JavaScript, React, Redux, jQuery, HTML5, CSS3

Back-End: Ruby, Rails, MySQL

Tools & Methods: Git, GitHub, Heroku, Netlify, Mobile/Responsive Development, RSpec, TDD, Chrome Dev Tools

Professional: Remote Pair-Programming, Teamwork, Mentoring, Problem-solving

PROJECTS

REMUS

- Map Simulator of the evolution and forecast of urban mobility in the city of Strasbourg
- Built with: JAVA/JEE, SPSS, ArcGis/ArcObjects

Urban Mobility Indicator System

- Development of urban mobility indicators system used in Transportation and mobility studies

Monitoring KPIs dashboard

- A global dashboard that helps an NGO (OXFAM) programs' teams to track projects metrics and expenses and to monitor their projects performances and KPIs

Engineer of studies | October July 2008 – March 2009

- Designed and conducted surveys to elaborate urban mobility patterns
- Developed urban mobility indicators system

- Built with: Microsoft Excel

Linguistic Skills

Fluent in English, French, and Arabic

EDUCATION

MICROVERSE | February 2020 – October 2020

Remote Full Stack Web Development Program, *Full Time*

- Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby, Rails, JavaScript, React, and Redux.
- Developed skills in remote pair-programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.

UNIVERSITY of STRASBOURG - France | September 2008

Master degree of research in Remote Sensing and GIS

- Design and coding with JAVA/JEE of a research simulator to study the urban mobility and transportation of the city of Strasbourg

Hassania School of Civil Engineering (EHTP) - Morocco | June 2008

Master of Engineering degree in GIS

- 80% of the curriculum is Computer sciences oriented

Preparatory Classes - Technical college - Morocco | June 2005

Preparatory degree in Mathematics and science of engineering

Certifications, training

- Microverse Ruby and Databases accomplishment certificate
- Microverse Html/Css accomplishment certificate
- Partnership brokering training by PBA (Partnership Brokers Association)

Interests

Philosophy, sciences, arts, history