

# RÉMY GHALAYINI

FULL STACK DEVELOPER

## PROFILE

Web developer with experience in JavaScript, NodeJS, React, Gatsby, C#, .net, and Python, who builds software applications, writes machine learning algorithms, and can analyze any type of data to improve businesses. I want to help companies by creating new digital tools to attract clients, solve business problems and help them understand the power of their data. Excellent team player, problem-solver, and critical-thinker. I love programming and making things easier to use.

## WORK EXPERIENCE

2021 - 2021

### FULL STACK DEVELOPER

Globhe Drones / Stockholm

4 months internship to develop the crowddroning platform in a fast-paced and startup environment. I collaborated with business, marketing and operations staff in the design, development, testing, implementation, and production of enterprise applications.

- Raised the platform from an MVC to a mature product
- Developed new backend functionalities using node.js and firebase.
- Created new web applications in React and Gatsby with top UI/UX design
- Used Git and scrum techniques to develop digital tools with partner organizations
- Reduced decision time by 70% by introduced data analytics workflows to the team
- Expanded and used machine learning algorithms to analyse drone images

2020 - 2021

### SOFTWARE DEVELOPMENT TRAINING

Lexicon / Stockholm

Chosen after a thorough selection process to be part of a 6-month programming training. The course focuses on providing essential and modern programming skills by creating actual software products within a skilled developer team.

- Developed full-stack programs by using C# and JavaScript
- Created a modern responsive restaurant website which was ranked first in class.
- Designed web applications and embraced key UX UI concepts to enhance usability.
- Used the full power of GitHub to work within a multi-background team
- Applied OOP and MVC techniques to create powerful programs.



## CONTACTS

Phone : +46 7 36 26 78 92

Email : remyghalayini@gmail.com

Website : <https://rghalayini.github.io>

Address : Haninge, Sweden

## EDUCATION

2015

### PhD IN GEOPHYSICS

Sorbonne Université / Paris

2011

### MSc IN GEOSCIENCE

University of Aberdeen / UK

## TRAINING

2020

### SFI SWEDISH COURSE D3

Haninge Kommun

2015-2020

### ONLINE COURSES IN PYTHON & MACHINE LEARNING

Columbia, Harvard and PennState  
Universities

# WORK EXPERIENCE

CONTINUED

2019 - 2020

## DATA SCIENTIST & GEOPHYSICIST

Svenska Petroleum Exploration / London

Contracted by SPE to extract value from their complex data, provide foundation for their data-driven decisions, and train staff in visualization, storytelling, and data analysis. I have applied multiple machine learning techniques and boosted internal data competencies.

- Applied new machine learning and data analysis techniques to extract value from data
- Found new results previously unseen in old data analysis techniques.
- Influenced management to invest in Cameroon after the discovery of valuable results.
- Attracted new investment partners through clearer communication of results.
- Trained 3 staff members in data analysis, visualization, and storytelling with data.

2016 - 2018

## DATA ANALYST & PROJECT MANAGER

Petroleum Administration / Lebanon

Contracted by the Ministry of Energy to provide expert assistance in locating natural resources via data analysis and machine learning techniques. My work steered the national strategy for managing, developing, and regulating natural resource extraction in the country.

2012 - 2015

## GEO-DATA ANALYST & RESEARCHER

IFP Energies Nouvelles / Paris

Three years contract with IFPEN in conjunction with my PhD focusing on research in geophysics. My work involved data collection, sorting, cleaning, exploration, modeling, interpretation of widely disparate and sparse data sets, visualization, presentation of results, and storytelling. I was also active with mentoring of students and communications.

# PROJECT EXAMPLE



Globhe Drones  
NodeJS/React



Restaurant Website  
JavaScript/HTML



Warehouse Software  
C#



Iris species prediction  
KNN classification



Finance calculator  
Python



Customer Segmentation  
K-mean clustering



E-commerce analysis  
QlikSense



Airbnb listing analysis  
QlikSense



## RÉMY GHALAYINI

FULL STACK DEVELOPER

## EXPERTISE



Javascript / React / C# /  
.NET / Python  
Html / CSS  
Databases / SQL / API  
Machine learning / AI  
Azure / Firebase



Project management  
Agile methods / Scrum  
Teamwork / Collaboration



Git  
Visual Studio / Jupyter  
Adobe Suite



Swedish  
English  
French  
Arabic



**GITHUB**  
/rghalayini



**TWITTER**  
/r\_ghalayini



**LINKEDIN**  
/rghalayini