

# Saïd Ziani

Having a track record of continually improving the way software works, I'm trying always to apply my technical know-how to manage and operate IT hardware, software and application solutions. I like to be involved in solving challenging technical problems, task estimation and work prioritization. In addition to my French and English, I can speak Python and JavaScript perfectly as well as my ineloquent PHP.



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saidziani.github.io/projects



## Work experience

04/2019 - present

Software Developer  
eSightMonitoring

Technologies: **JavaScript, VueJS, AmCharts, Vuetify, Python, API, SQL Server.**

Nijmegen

06/2018 - 04/2019

Software Engineer  
Djezzy OTA

- Developed platform for pre-processing and analysing Facebook comments.
- Worked with Ericsson Teams to build E-commerce platforms for e-care and e-shop.
- Djezzy's website/apps maintaining, improve SEO and optimization.
- Configured Redhad servers for hosting internal/external apps.

Technologies: **Python, Flask, JavaScript, Sentiment Analysis, NLP, E-commerce, SEO, DevOps, Heroku.**

Algiers

02/2018 - 06/2018

Junior Data Scientist  
Big-Mama

- Data Cleansing and preprocessing for Real Time Bidding problem.
- Implement Machine/Deep Learning Algorithms for Healthcare project.
- Models Testing, integration and deployment.

Technologies: **Python, TensorFlow, Pandas, Scala, Kafka, Akka Stream, MongoDB, Jupyter/Spark notebook.**

Algiers

11/2017 - 06/2018

Intern, Master's Graduation Project  
TALAA, Computer Science Dprt./USTHB

- Trained NLP/Machine Learning models for Text Classification.
- Building Corpus for News Article classification (Ar/En).
- Implemented an Algorithm for Automatic Text Summarization.
- Created a recommendation system to suggest news articles to the users.
- Developed a mobile app and Rest API to integrate and consum all previous modules.

Technologies: **Python, ScikitLearn, Flask, AWS S3, ReactNative, JavaScript, JSX, CSS3, MongoDB, Jupyter notebook.**

Algiers

06/2017 - 10/2017

Web Developer (Summer Job)  
Hive-Digit

- Worked mainly on B2B PHP Yii2 e-Commerce platform.
- Designed the software architecture and the database schema.
- Developed the Back/Frontend, Unit tests and security audits.

Technologies: **PHP, Yii2, JavaScript, JQuery, AJAX, HTML5, CSS3, APIs.**

Algiers

09/2015 - 06/2016

Intern, Software Developer  
COSIDER Canalisations

- Updated an existing supply process information system.
- Designed and deployed a new architecture for the Database.
- Developed an ERP module, integrated with Data visualization Dashboard.

Technologies: **PHP, JavaScript, JQuery, AJAX, HTML5, CSS3, MySQL.**

Algiers

## Education

09/2016 - 06/2018

Masters - Intelligent Computer Systems  
University of Science and Technology, Algiers

Machine Learning | Natural Language Processing | Data Mining | Information Retrieval | Knowledge representation and reasoning | Constraint programming | e-Commerce & Web services | Advanced Databases.

09/2013 - 06/2016

Bachelor - Computer science  
University of Science and Technology, Algiers

Mathematics | Algorithmics | Operational research | Computer architecture | Databases | Programming and Web development | Physics | Analog electronic.

Scientific Baccalaureate  
Mohamed Bodiaf High School, Algiers

Mathematics | Physics | Chemistry | Natural science | Foreign languages(Fr+En) | Philosophy | History and geography.

## Languages

**Arabic**(native) **French**(bilingue) **English**(advanced)

## Skills & competences

Programming Language

**Python, Javascript, PHP**

Data Science

Machine Learning

**ScikitLearn, TensorFlow**

Data Manipulation

**Data Cleansing, Data Scraping, Data Visualization, Numpy, Pandas**

Natural Language Processing

**Text Classification, Corpus Building, NLTK**

Backend

**Flask, Yii2**

Databases & Storage

**PostgreSQL, MySQL, MongoDB, AWS S3 bucket**

Frontend

**VueJS, React, Vuetify, Materialize, Bootstrap**

Tools

**Git, Heroku, Firebase,**

## Extracurricular

02/2019

HackCU Episode V Hackathon  
University of Colorado Boulder, USA

Colorado

10/2018

VEON Global Digithon'18 Hackathon  
VEON Group

Amsterdam

09/2018

1st place winner Djezzy's Hackathon  
OTA Djezzy

Algiers

05/2018

1st place winner NYUAD Hackathon  
New York University

Abu Dhabi

05/2016 - 08/2017

CTF - Capture The Flag  
SIT CTF, Hack'tilIS7our, MCTF

Algiers, Telemcen

03/2017

3rd place Hack!t National Hackathon  
Higher School of Computer Science

Algiers

12/2016

2nd place Algeria Web Awards  
Algiers department - AWA

Algiers

09/2016 - 06/2018

Web Master/DBA  
OpenMindsClub

Algiers

09/2017 - 05/2018

Git Trainer  
OpenMindsClub

Algiers

05/2016, 2017, 2018

GNU/Linux Install Party Organizer  
OpenMindsClub

Algiers

## Interests

Open source contribution | Volunteer Work | Free/Open source software | Community Involvement | Club Memberships | Child Care | Technical Books | Arabic Language.