

# 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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## Work experience

04/2019 - present Nijmegen

Software Developer  
eSightMonitoring

Technologies: JavaScript, VueJS, GraphQL, Apollo, AmCharts, Ant-Design, Python, API, PostgreSQL.

06/2018 - 04/2019 Algiers

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.

02/2018 - 06/2018 Algiers

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.

11/2017 - 06/2018 Algiers

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.

06/2017 - 10/2017 Algiers

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.

09/2015 - 06/2016 Algiers

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.

## 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 Bacculaureate  
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

Django, GraphQL, Graphene, Flask, REST API, Yii2

Databases & Storage

PostgreSQL, MySQL, MongoDB, AWS S3 bucket

Frontend

VueJS, React, Apollo, Ant-Design, Vuetify, Materialize, Bootstrap

Tools

Git, Jira, Bitbucket, Heroku, Firebase

## Extracurricular

02/2019 Colorado

HackCU Episode V Hackathon  
University of Colorado Boulder, USA

10/2018 Amsterdam

VEON Global Digithon'18 Hackathon  
VEON Group

09/2018 Algiers

1st place winner Djezzy's Hackathon  
OTA Djezzy

05/2018 Abu Dhabi

1st place winner NYUAD Hackathon  
New York University

05/2016 - 08/2017 Algiers, Telemcen

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

03/2017 Algiers

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

12/2016 Algiers

2nd place Algeria Web Awards  
Algiers department - AWA

09/2016 - 06/2018 Algiers

Web Master/DBA  
OpenMindsClub

09/2017 - 05/2018 Algiers

Git Trainer  
OpenMindsClub

05/2016, 2017, 2018 Algiers

GNU/Linux Install Party Organizer  
OpenMindsClub

## Interests

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