

Saïd Ziani

Aiming to improve Algerian Web, most of my experiences revolve around Web and Mobile development. Recently, I spent my time doing Natural Language Processing (Arabic especially), Data Science and Machine Learning.



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saidziani.github.io/projects



Work experience

04/2019 - present Nijmegen

Software Developer eSightMonitoring

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

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 Baccalaureate

Mohamed Bodiaf High School, Algiers

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

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

MySQL, PostgreSQL, MongoDB, AWS S3 bucket

Frontend

VueJS, React, Materialize, Bootstrap

Version Control Systems

Git

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'tillS7our, 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.

Languages

Arabic(native)

French(bilingue)

English(advanced)