ZIANI Shamsdine

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 github | linkedin

SUMMARY

Fascinated by computer science, I am currently looking to learn more during an internship starting in January 2023 for a duration of 6 months to validate my master's degree. This internship would be a real opportunity to put in practice my abilities. I have done many projects during the past years in which I developed an analytical mind and a general knowledge of most computer languages.

EDUCATION

Lycée la Martinière Monplaisir   *2017-2018*

PREPARATORY CLASSES

• A year undergraduate intensive course in mathematics and physics

Polytech Lyon   *2018-2023*

ENGINEER DEGREE, COMPUTER SCIENCE MAJOR

• Learning mathematics, statistics and general programming skills

EXPERIENCE

Alpha Education   *May 2019 - August 2019*

SCIENCE TUTOR

• Helping highschool students doing their homework, mainly in science

Crédit Agricole   *September 2021 - January 2022*

INTERNSHIP - DEVELOPER

• Full stack development of applications for the different units of the company.

SKILLS

PROGRAMMING LANGUAGES	Python	PHP	R	Javascript	C#	Java	C++	Matlab	CSS	LaTeX
SOFTWARE DEVELOPMENT	GIT	SVN	Agile Methodology	MVC	Maven
FRAMEWORKS & LIBRARIES	Jupyter	ReactJS	Bootstrap	Numpy	Pandas	MaterialUI	Matplotlib
DATABASES	MySQL	Oracle	MongoDB	SQL Server
LANGUAGES	***Native:*** French ***Advanced:*** English (TOEIC ~940) ***Beginner:*** Japanese (JLPT N4)
OTHERS	Driver's license

PROJECTS

3DBinPacking

REACTJS, MATERIALUI

• 3DBinPacking is a web app made with ReactJS, ThreeJS and MaterialUI that allows users to fit boxes of different given sizes (width, length, height) into a container. It is an NP-complete problem to solve. The render is done in 3D and the animation time is adjustable. https://hidden-ocean-77913.herokuapp.com/

Autolib

C#, ASP .NET CORE, SQL, BOOTSTRAP

• Inspired by Sixt, Autolib is a website on which users can book vehicles from stations placed on a map using GoogleMaps API. Connected users can access their reservations and can withdraw. The information is queried at the base with the Linq language and the project follows an MVC structure.

INTERESTS

• **Japanese culture** - Captivated by Japan, I learn Japanese as a self-taught person and am fascinated by this culture.

• **Blockchain** - Impressed by the possibilities opened by blockchain and smart contracts.

• **Drawing** - I have been drawing and finding a real interest in art since my childhood.