ZIANI Shamsdine

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SUMMARY

Fascinated by computer science, I am currently looking to learn more during an internship starting in September 2021 for a duration of 6 months to start 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, MAJOR: COMPUTER SCIENCE

• 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

SKILLS

PROGRAMMING LANGUAGES	Python | PHP | R | Javascript | C# | Java | C++ | HTML | CSS | LaTeX
SOFTWARE DEVELOPMENT	GIT | Heroku | Agile Methodology | MVC | Maven
FRAMEWORKS & LIBRARIES	Jupyter | ReactJS | Bootstrap | Numpy | Pandas | MaterialUI | Matplotlib
DATABASES	MySQL | Oracle | MongoDB
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.

PORTFOLIO

REACTJS, BOOTSTRAP

• I did my own personal website this year as a visual explanation of my works. It was also the opportunity to practice my web-development and deploying skills. On this website, you contact me with an e-mail API, see some of my projects and download my resume. Scanning the QRcode top-right redirects to this project.

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. We get informations from the database using the Linq language. The whole project is based on an MVC pattern.

INTERESTS

• **Drawing** - Taken as baccalaureate specialty, I have been drawing for 10+ years.
• **Japanese Culture** - Hooked by Japan, I learn Japanese by myself and love to know more about this fascinating country.
• **Horology** - I am fascinated by automatic movements.