



Software Developer Internship for 6 months



Yuan CAO



22 years old, Chinese



+(33) 06 68 25 20 48



Belfort, France



yuan.cao@utbm.fr



FULL



linkedin.com/in/yuan-cao-75b112208

COMPETENCES LINGUISTICS

Chinese
(first language)

French (fluent)

English (fluent)

COMPETENCES TECHNIQUES

C/C++

Linux/Docker

Java

Oracle/PL/SQL

Node.js/Express

Python

HTML/CSS/Javascript

VBA

Pack Office

Interests

Tuba and Piano

Badminton

Bicycling

Taekwondo



Education

From 2020

Student majoring in Computer Engineering, l'Université de Technologie de Belfort-Montbéliard, FR

December 2020

Certificate of CUDA C/C++ quick calculation in Deep Learning Institute, NVIDIA

September 2017

Bachelor of Computer Engineering from Shanghai University, China



Projects and experiences

April 2021

Server development project with Node.js/Express/HTML/CSS

- Built the connection with MySQL database and realized the functions of adding, modifying, querying and deleting internship information
- Applied express.js/CSS/HTML to create a web server and make a web with the data collected and the interface to change the data
- Created log file and local directory to store CV and other files after each change.

February 2021 Digital security and encryption project with Python

- Used RSA to develop encrypted message and signature verification between two communicators
- Worked on Euclidean algorithm, Chinese remainder theorem, CBC, sha256, MD5 and other methods to improve signature verification process and encryption

Janvier 2021

Library management system project in Java / swing / JDBC / MySQL

- Made Connection to database Mysql to access different tables
- Realization and beautification of user login interface and other interfaces
- Created the functions of adding, modifying, querying and deleting books and book categories

September 2020

Assembly line management of a jam factory project with C/C++ Linux

- Familiar with the basic knowledge of multitask programming and operating system
- Used multi process, multi thread, semaphore, mutex and other knowledge to realize synchronization between tasks
- The tasks include alternately placing jam boxes of different sizes, opening and closing jam valves, and clock functions