COMPETENCES LINGUISTICS

Chinese
(first language)

French (fluent)

English (fluent)

COMPETENCES TECHNIQUES

C/C++

Linux/Unix

Node.js/Express

Oracle/PL/SQL

HTML/CSS/Javascript

Python

Java

Excel/VBA

Pack Office

Interests

Tuba and Piano

Badminton

Bicycling

Taekwondo

Solutions Architect Internship for 6 months

utbm — université de technologie Belfort-Montbéliard

Yuan CAO

22 years old, chinese

Belfort, France

FULL

+(33) 06 68 25 20 48

yuan.cao@utbm.fr

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

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
- Used cheerio / puppeter to collect data into database MySQL from online movies site
- Applied express.js/CSS/HTML to create a web server and make a web with the data collected

February 2021   Digital security and encryption project with Python
- Used RSA to develop encrypted message and signature communication
- Worked on Euclidean algorithm, Chinese remainder theorem, CBC, sha256, MD5 and other methods, and improved signature verification process and encryption

Janvier 2021   Library management system project in Java / swing / JDBC / MySQL
- Connected to database Mysql to access different tables
- Realization and beautification of user login interface
- Creation the functions of adding, modifying, querying and deleting books and book categories

January 2021   Network programming project with C++
- Used TCP / IP, UDP and socket knowledge to create TCP client and server
- Familiar with IO MULTIPLEXING(selection, polling, epoll) and log file creation.

October 2020   Excel / VBA project
- Customer demand analysis (trainees), existing technology and product comparison
- Wrote VBA program in Excel to import and change the massive data in the worksheets

September 2020   Assembly line management of a jam factory project with C/C++
- Familiar with the basic knowledge of multitask programming and operating system
- Understood the competition mechanism of participation through project sources
- Implemented communication management and synchronization mechanism in the kernel of Linux, UNIX, windows and MacOS X system

March 2020   Quality management project (10 weeks)
- Problems analysis and Countermeasures of university canteen
- Used amdec for solution evaluation and risk analysis, use Kaizen, 5S, Six Sigma for improvement