Huamao XU

Objective： Graduate Software Engineer

📞 Phone： +33669946588   ✉ Email： Jeremyxu1234@gmail.com

⭐ GitHub： https://github.com/JeremyXXXuuu

⭐ Linkedin： https://www.linkedin.com/in/huamao-xu-b05225204/

Education

Sep. 2020 - Mar 2023
University of Technology of Belfort-Montbéliard (Top 10 in French Engineering)   **Software Engineering (Master)**

Sep. 2017 - Jul 2021
Shanghai University(211)   **Information Engineering   (Bachelor)**

Work Experience

Sep. 2022 - Present
Orosound(Paris, France)   **Fullstack Software Developer**

- Develop Restful API for multi-platform applications using NodeJS and TypeScript.
- Create a factory automated test application for headphones using Electron and sold it to LVMH.
- Create company OIDC Provider server.
- Develop fullstack customer product management system(Nextjs + Expressjs) with Oauth

Aug 2021 - Feb 2022
Siemens Healthnieers, Inc. (Shanghai China)   **Software Engineer Intern**

- Use Local AI to compute and infer the sensor data based on an edge box (Nvidia jetson)
- Using python (Pandas, unsupervised machine learning techniques) to analyze the log files generated by the system
- Using python to write a visual collision detection algorithm based on radar camera (3D point Cloud)

Project experience

Mar 2022 - Jun 2022   **Game recommendation Platform**

Duties: Technical team leader, responsible for frontend+backend architecture design, database design and core modules development, and deployed on heroku

Technologies: Reactjs + nodejs(Express) + mongodb + redis + python(pandas, sklearn) + Sass(Heroku)

- Implemented software engineering diagrams, and use agile development throughout the process
- Create React components and managed application state with Redux,
- Using Redis in caching data generated by machine learning program, JWT token verification

Skills

Javascript(TypeScript)   Nodejs   C/C++   Go   MongoDB   Oracle   Redis
Python   Pandas/sklearn   ReactJS(NestJS)   Redux   Electron   HTML5/CSS3
Linux   Git   Scrum/Agile   Cloud Service(docker, github action, heroku)

- Currently intern in Paris, professional proficiency in English, and French which can be regarded as working language.

Extracurricular activities

Awards:

- Third Prize of Shanghai University Electronic Innovation Comprtition
- Certificate in Accelerated Computing with CUDA C/C++ at Deep Learning Institute, NVIDIA
- Linguaskill C1 in English, B2 in Fench

Interests: GYM, Badminton, Ski, CrossFit