



Jianwei Wu

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Hoofddorp, Netherlands 

PROFESSIONAL SKILLS

- Skilled in C programming; familiar with Java, Python, Shell scripting; adept at reading and understanding assembly language.
- Proficient in working with Linux-based embedded operating systems.
- Networking Knowledge: Well-versed in the principles of TCP, UDP, and HTTP protocols; experienced in utilizing network communication interfaces for data transmission and reception.
- Familiar with Linux, Windows and Android program design; able to develop debugging and testing programs.
- Language : Native Mandarin Speaker. Fluent English in oral communication (TOEIC 805). French

WORK EXPERIENCE

08/2023-present	BYD EUROPE B.V., Hoofddorp, Netherlands	Senior Software Engineer
07/2021-08/2023	Xpeng Automobile Technology Co., Ltd, Guangzhou, China	Embedded Software Engineer
05/2020-03/2021	Huawei, Paris, France	Terminal Test Engineer

PROJECT EXPERIENCE

Over-the-Air (OTA) Application Development for Overseas Platforms

Time Period: [2024.6-now]

- Developed and maintained the OTA front-end application using Java on the Android Automotive platform.
- Designed UI/UX components tailored to the in-vehicle environment, including update status displays
- Technologies Used: Java, Android Automotive, OTA Frameworks, UI/UX Design, In-Vehicle Infotainment (IVI) Systems.

Development for TBox Systems

Time Period: [2021.7-2023.7]

- Participated in the development of TBox systems for multiple vehicle models, ensuring seamless integration and functionality.
- Managed issue resolution, progress tracking, software integration, and version releases.
- Technologies Used: Shell, GIT, Makefile

Linux Device Driver Development

Time Period: [2021.7-2023.7]

- Debugged and developed audio drivers, including codec and operational amplifier configurations, with a strong familiarity with ALSA audio driver architecture and its implementation.
- Resolved technical issues related to audio performance and device functionality.
- Technologies Used: Linux Kernel, Device Tree, Audio Drivers, Codec.

EDUCATION

09/2018-10/2020	Institut supérieur d'électronique de Paris (ISEP)	Master/Engineer in Embedded Systems
Courses: Computer Fundamentals and Linux, Computer Networking, ARM, Digital Signal Processing		
09/2014-06/2018	Chongqing University Of Posts And Telecommunications	Bachelor in Microelectronics Science
Courses: C Program Language, Digital circuits, Microelectronics, Semiconductor Manufacturing, CMOSRF, EDA, FPGA		

ABOUT ME

- Strong passion for embedded development, with a keen interest in contributing to innovative projects.
- Deep interest in digital products, including PCs, mobile phones, and IoT devices.
- Enjoy swimming, running, and fitness, with a love for exploring nature and traveling.
- Passionate about learning new languages and broadening cultural horizons.