

# Chen Jiye

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## Education

<b>Hong Kong University</b>	2024/09 – 2025/08(expected)
Master of Science in Computer Science	Hong Kong Island, Hong kong
• Courses: Data Mining, Reverse engineering and malware analysis	
<b>University of Electronic Science and Technology of China</b>	2020/09 – 2024/07
Bachelor of Engineering in Computer Science and Technology	Chengdu, China
• cGPA: 3.88/4.0, Outstanding Student Award	
• A+ Courses: Computer Networks, Computer Architecture, Operating Systems	

## Projects

<b>Research and System Implementation of Motion Imagination Recognition Method for BCI</b>	2024/04 – 2024/06
My undergraduate graduation project, rated as excellent()	
• Implemented cross source domain adversarial domain adaptation transfer learning algorithm based on Pytorch framework	
• Introducing attention mechanism to optimize the extraction of temporal information has improved recognition accuracy.	
• Implemented a visualization system for EEG signals using PyQT framework	

<b>Zpods</b>	2023/10 – 2024/01
An open-sourse file backup tool ( <a href="https://github.com/wenli7363/Zpods">https://github.com/wenli7363/Zpods</a> )	
• Based on Linux operating system, developed by C++and QT5 framework	
• Implement local file backup, encryption, compression and other functions on the client side	
• Write automated deployment scripts, cloud server Docker scripts	

<b>Game cheat programming</b>	2022/12 – 2023/02
This project is the Tencent Game Client Security Elite Class Final Project	
• The technology stack involved includes: C++ Windows development, reverse engineering, assembly and disassembly	
• I have mastered techniques such as DLL writing and injection, ptrace injection, Inline hook, and other cheating methods	
• I have mastered disassembly, dynamic and static debugging, and scripting programming	
• I implemented five self aiming and perspective hacks in an FPS game and achieved third place	

## Work Experience

<b>Sichuan Huadi Information Technology Co., Ltd</b>	2022/07 - 2022/08
Front-end Web Developer	
Created a big data visualization website that displays information on housing prices and job salaries in 34 cities in China	
• Data dynamic crawling and preprocessing	
• Web developed by using HTML5 + CSS + Javascript + Echarts	
• Write Python scripts to process query requests in SQLite databases	
• Develop a backend server using the Flask framework to achieve data front-end and back-end interaction	

## Skills

<b>Programming Languages:</b> C++, Python, Rust and Golang	
<b>Tech Skills:</b> Familiar with MySQL database, Familiar with Linux commands and git commands, Familiar with development tools like g++, gdb, Know machine learning and deep learning algorithms	
<b>Other skills:</b> IELTS 6.5, Drive	