

Chen Jiye

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Education

Hong Kong University

Master of Science in Computer Science

- Courses: Data Mining, Reverse engineering and malware analysis

2024/09 – 2025/08(expected)

Hong Kong Island, Hong kong

University of Electronic Science and Technology of China

Bachelor of Engineering in Computer Science and Technology

- cGPA: 3.88/4.0, Outstanding Student Award

- A+ Courses: Computer Networks, Computer Architecture, Operating Systems

2020/09 – 2024/07

Chengdu, China

Projects

Research and System Implementation of Motion Imagination Recognition Method for BCI 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

Zpods

2023/10 – 2024/01

An open-sourse file backup tool (<https://github.com/wenli7363/Zpods>)

- 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

Game cheat programming

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

Sichuan Huadi Information Technology Co., Ltd

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

Programming Languages: C++, Python, Rust and Golang

Tech Skills: 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

Other skills: IELTS 6.5, Drive