

Chaewon JEON



Looking for a Master's apprenticeship starting in 2026.

PROFIL

Cybersecurity student specializing in secure C/C++ development, with experience in low-level system programming and Linux hardening. Particularly interested in embedded systems security.

🚗 Permis B • Véhiculée

CONTACT

@ hello@chaewon.dev
📞 07 62 24 44 28 (FR)

TECHNICAL SKILLS

Development

C/C++, Python, Bash, SQL, Parsing, memory management, Git

Systems Infrastructure

Linux, Windows, macOS, VMware, RDP, DNS, PC Assembly, Web Hosting

System Security

OS Hardening, Firewall Configuration, Secure SSH, Encryption, LVM, Permission Management

SOCIAL

🐙 github.com/wakhoo
🌐 chaewon.dev
📺 youtube.com/@42chajeon
🌐 linkedin.com/in/chaewon-jeon-dev

LANGUAGES

English C1
French B2
Korean Native

CENTRES D'INTÉRÊT

Cyber security
Computer science

PROJECTS IN DEVELOPMENT

Webserve — Development of an HTTP/1.1 server from scratch in C/C++

1 month - 2025 | 42 Mulhouse | Team project

◇ C++98 — HTTP/1.1 — I/O multiplexing (epoll) — TCP sockets — Concurrent connection handling — Modular architecture — Error handling — CGI (fork/execve, stdin/stdout redirection) — Configuration parser

Minishell — Reimplementation of Bash internal mechanisms in C from scratch

1 month - 2025 | 42 Mulhouse | Team project

◇ Command parsing — Process management — Pipelines — Redirections — Signal handling — Input security — System programming (fork, execve, file descriptors)

Born2beroot — Setup and hardening of a Linux server from scratch

1 week - 2023 | 42 Mulhouse | Individual project

◇ User management — Password policies — Linux hardening — Permissions — LVM — SSH — UFW firewall — Encryption — System monitoring

Personal Project — Personal system development environment setup

◇ Windows installation and configuration — Virtualization with VMware — RDP configuration — DNS configuration — PC assembly

Roady and Co — Development and deployment of a mobile application

◇ End-to-end project management — Instant messaging — Interactive map — Google/Apple authentication — AI integration

EDUCATION

Master's Degree(M1), France

2026–2027

Application in progress

Applicant for a Master's degree in Cybersecurity in France starting in 2026.

Korea University, South Korea

Mar 2018 – Feb 2023

Double Bachelor's Degree (EQF Level 6)

- Computer Convergence Software (Engineering)
- Brain & Cognitive Sciences (Science)

42, Mulhouse

Oct 2023 – Present

Peer-to-Peer Learning Environment

- Advanced C/C++ programming in Linux environments
- Development of autonomy, problem-solving skills, and teamwork

CERTIFICATIONS AND TRAINING

ISO/IEC 27001 :2022 Lead Auditor (Certification)

◇ Conducting ISMS audits and evaluating ISO 27001 compliance.

Docker Foundations Professional Certificate

◇ Containerization, Docker architecture, image management, and orchestration fundamentals.

Udemy CompTIA Security+ (SY0-701) Preparation Course

◇ Network security, cryptography, threat analysis, and security operations.

EXPERIENCE

FREELANCE ARDUINO INSTRUCTOR

Korea Institute of Convergence Science Education

04.2023–05.2023

◇ Delivered hands-on workshops introducing students to Arduino programming.

◇ Arduino — Embedded C/C++ — Sensors — Teaching — Problem solving

CODING INSTRUCTOR – WINTER CODING CAMP

Gen.G Global Academy

01.2023–03.2023

◇ Taught Arduino programming with a focus on logic, experimentation, and hands-on learning.

◇ Arduino — Basic electronics — Debugging — Technical teaching

CODING TUTOR

Sparta Coding Club

08.2022–10.2022

◇ Mentored students on web and mobile development fundamentals.

◇ HTML — CSS — JavaScript — React Native — SQL — Technical support — Knowledge transfer