

Zheyuan WEI

Postgraduate | Nara Institute of Science and Technology
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EDUCATION

Nara Institute of Science and Technology (NAIST), Ikoma, Nara, Japan

- Master Program in Information Science Oct 2022 – Oct 2024 (expected)
 - Supervisor: Prof. Kohei Ichikawa, Laboratory for Software Design and Analysis
 - Supervisor: Prof. Hajimu-Iida, Laboratory for Software Design and Analysis

Chiang Mai University, Chiang Mai, Thailand

- B.Sc. in Software Engineering Aug 2018 – Apr 2022
 - Relevant courses: Elementary Statistics, Discrete Mathematics, Programming Logical Thinking, Computer Organization, Abstract Data Type and Problem Solving, Web User Interface Design and Development, Object Oriented Programming, Database Systems and Database Systems Design, Programming Methodology, Interactive Web Development, Computer Network and Protocols, Algorithms Design and Analysis, Operating System and Programming Language Principles, Software Requirement Analysis, Software Design and Architecture, Component-Based Software Development, Software Construction and Testing, Computer Network and Security,

RESEARCH EXPERIENCE

Optimize Multi-Path QUIC Protocol using Srv6

- Master Research Theme, NAIST, Supervisor: Prof. Kohei Ichikawa Oct 2022 – Present
 - Languages & Framework: Python, Go
 - Research content: Exploration of the MP-QUIC protocol optimization solution by integrating Segment Routing over IPv6 (SRv6) technology to improve its path selection strategy in complex and dynamic network environments.

WORK EXPERIENCE

Nexwise Intelligence China Limited, Guangzhou, Guangdong, China

- Development Intern, Cloud Computing Team Nov 2021 – Feb 2022
 - Languages & Framework: Java, Spring boot, Shiro
- Job content:
 - Function and quality testing: Responsible for testing the core functions of WeChat mini programs, in-depth investigation of potential problems and unreasonable designs by simulating user scenarios to ensure product quality;
 - Back-end development: Participated in the development of Java back-end system based on Spring Boot, focusing on the coding of authentication system, using the Hash algorithm and Shiro security framework to achieve safe and reliable user authentication.

COURSE PROJECTS

- **IOS mobile application development project** [link to Github] Dec 2022 – Mar 2023
- Respond for Back-end
 - Languages & Framework: Python, Flask
 - Project Overview: Develop an iOS mobile application based on Swift and Python
 - Main Duty: Using Flask to build the back-end architecture, Design and create the API for communicate with Front-end, Create and connect the SQL database and developing the authenticate system for service.

SKILLS

- Python, Java, JavaScript, SQL, C Sharp, Shell

LANGUAGES

- Chinese: Native ▪ English: Professional (IELTS 5.5; TOEIC 715) ▪ Japanese: Basic ▪ Thai: Basic ▪ Cantonese: Native

[CV compiled on 2024-02-01, check it on github.com/WEI44ZHEYUAN/cv, branch: main]