# Jingyi. Guo

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## *EDUCATION*

**UNIVERSITY OF HELSINKI**
Master of Science in Computer Science, <June> 2024

**UNIVERSITY OF OULU (Nanjing Institute of Technology cooperative)**
Bachelor of Science in Software Engineering, <June> 2022
Bachelor of Science in Information Processing Science, <June>2022

## *EXPERIENCE*

**Software Engineer Intern| Shenzhen Xunfang Technologies CO., Ltd.**     Sep 2021 – Nov 2021
- Managed and prioritized requirements by utilizing agile development and participating in sprint meetings.
- Participated in the design of UML and use case diagrams for the application by conducting user research and gathering feedback.
- Use React to develop the front-end of web applications and node.js to develop few back-end functions.

## *PROJECTS*

**Self-Notes Website (React, Express, MangoDB Cloud, Cloudnary)**
- Utilized React for the front-end development of the web application, creating reusable and dynamic components to build the UI.
- Implemented the back-end logic with Express, a Node.js web framework, to handle the routing and APIs for data interaction between the front-end and the database.
- Utilized MangoDB Cloud and Cloudnary as the database management system to store and retrieve data.
- Link: https://jingyi-littlenotewebsite.onrender.com (It also includes my skills in graphic design field)

**Personnel Management System Website (JSP, Mybatis, Ajax, JSON, MySql)**
- Implemented the MVC architecture using JSP for the view layer, Servlets for the controller layer, and JavaBeans for the model layer.
- Utilized MyBatis to interact with a MySQL database for storing and retrieving data.
- Developed and implemented the system's core functionality, including employee information management, payroll management, and attendance tracking.
- Utilized Tomcat to deploy the application.
- GitHub Link: https://github.com/Gugu9911/PersonOA

**Data Visualization for Crime Prevention (Tableau)**
- Technologies Used: Tableau
- Dataset: "Chicago Crime Data" dataset from Kaggle
- Data Abstraction Process: Cleaning, Transformation, Integration, Annotation
- Link: https://public.tableau.com/app/profile/jingyi.guo3802/viz/Project_Visualization_16839267112190/1

## *Technologies and Languages*
- Java, JavaScript, Python, SQL, HTML, CSS, C
- Git, React, node.js, Express, MVC, MySQL, MangoDB, DevEco Studio, Tomcat
- MS Office, Adobe photoshop, Adobe Illustrator, 3ds max, Jupyter Notebook
- English (Fluent), Chinese (Native), Japanese (Conversational)