# JINGJING YANG

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https://jingjingyang0803.github.io/CV/

## TECH STACK

- Java, Python, JavaScript, C++, SQL
- React, Node.js, Flutter, Flask, REST APIs, Git, Docker
- Linear/Logistic Regression, Decision Trees, Neural Networks, CNNs
- Data Cleansing, Feature Engineering, Data Visualization

## SOFT SKILLS

- Analytical Thinking
- Problem Solving
- Continuous Learning
- Effective Communication
- Team Collaboration
- Time Management

## EDUCATION

AUG 2021 – MAY 2025
**TAMPERE UNIVERSITY OF APPLIED SCIENCES (TAMK)**

- Bachelor of Software Engineering
- GPA: 4.88 / 5.0

AUG 2025 – PRESENT
**TAMPERE UNIVERSITY**

- Master of Embedded Systems
- Computing Sciences and Electrical Engineering

## LANGUAGES

- Chinese: Native
- English: Fluent
- Finnish: Intermediate
- Japanese: Basic

## PROFILE SUMMARY

As a final-year Software Engineering student with hands-on experience in machine learning, embedded systems, and IoT, I have developed a strong foundation in creating data-driven solutions. I am proficient in Python, Java, React, and Dart, and have applied these skills to real-world projects.

My academic background and practical expertise equip me to contribute to innovative software development, with a focus on AI, machine learning, and intelligent systems to drive impactful solutions in healthcare, automation, and sustainable technologies.

## PROJECT EXPERIENCE

**Receipt Manager App** 2024 Autumn

Flutter, Firebase, Open Exchange Rates API, OCR

- Developed a mobile app for automated receipt scanning, expense tracking, and data visualization.
- Applied OCR and data processing technologies to improve user efficiency.

**3D Printer Management System** 2024 Spring

Flask, React, Cloud Integration, Raspberry Pi

- Developed a Raspberry Pi-based system for centralized and remote 3D printer management, utilizing Agile methodologies and Cloud technologies.
- Built a responsive web interface using React for user-friendly operation.

**Time Management Application** 2023 Autumn

React, JavaScript, React Router, JSON Server

- Designed a user-centric application for efficient task management and insightful time allocation analysis.
- Used JSON Server to simulate backend functionality for seamless testing.

**Lego Robot Car Project** 2023 Spring

IoT protocol, C++, MQTT, rest-API, Arduino, ESP8266, sensors

- Designed and implemented a robot car with autonomous movement and obstacle detection capabilities.
- Implemented real-time control and data communication using the MQTT protocol.