

# NAGAHARA IKUMA - Software Engineer

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🌐 <https://github.com/namashin>

🌐 <https://www.linkedin.com/in/namashin/>

🏠 [My Home Page: https://namashin.github.io/en/](https://namashin.github.io/en/)

## Education Background

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Shanghai International Studies University 【Bachelor of Arts Graduated in 2021, GPA: 3.4/4.0】

East China Normal University 【Master of Software Engineering, Expected Graduation in 2026】

## PROFESSIONAL EXPERIENCE

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Pixel Software Corporation 2021.04 - 2023.06

Software Engineer

Go Gin Unit Test Python Django Pytest SQL TCP/IP socket programming Windows

- Successfully translated customers' IT requirements into concrete designs, developed, and improved the previous VB, C gateway system into a new Go, Python gateway system, and provided various deliverables including functional and technical designs, models, code, unit tests, and comprehensive document.
  - Developed communication applications by Go, Python in factory plants.
  - Programmed TCP / IP based socket gateway to save real-time-data from factory sensors into a database and pass the data to a web frontend.
- Employed the Waterfall methodology to effectively plan, develop, and make software documentations
- Demonstrated a strong commitment to individual and team goals, while continuously enhancing professional effectiveness within a team environment consisting of 7 members in total.

Company Website: Pixel Software Corporation

## FEATURED MY PROJECTS

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PyCat 🌐 <https://github.com/namashin/PyCat> GoCat 🌐 <https://github.com/namashin/GoCat>

Python Go Windows Mac

- Displays a system tray icon that changes based on CPU usage.
- Allows switching between different animal-themed icons (cats, horses, parrots) from the system tray menu.
- Supports launching applications (WeChat, QQ, Chrome) directly from the system tray menu.

GoDrone 🌐 <https://github.com/namashin/GoDrone>

Go Gin GoBot ffmpeg OpenCV

- **Remote Controller:** Control the dji Tello drone remotely through a web browser.
- **Video Streaming:** Stream live video from the drone's camera.

## Languages

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- Japanese (Native)
- English (Fluent)
- Chinese (Fluent: HSK6 level)