Bijon Setyawan Raya

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LinkedIn · GitHub
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EXPERIENCE

Intermediate Fullstack Developer — October 2022 – present
Faria Education Group — *Taipei, Taiwan*
- Optimized file export processes, achieving a significant reduction in export time by 98.33%.
- Improved search precision and user navigation within activity feeds.
- Implement business intelligence (ETL solutions) and business rules to integrate data sources toward a centralized data store.
- Tools: ElasticSearch, MySQL, Ruby-on-Rails, and Vue.

Graduate Research Assistant — February 2021 – January 2023
National Tsing Hua University — *Hsinchu, Taiwan*
- Designed and developed a scheduling system for Deep Learning models called Schedulearn.
- Tools: Docker, FastAPI, Horovod, and SQLite.

Teaching Assistant — Sep. 2020 – January 2023
National Tsing Hua University — *Hsinchu, Taiwan*
- Introduction to C Programming. (Sep. 2020 & Sep. 2021)
- Undergraduate Linear Algebra. (Sep. 2022 - Jan. 2023)

EDUCATION

National Tsing Hua University — Hsinchu, Taiwan
Master of Science in Computer Science — *Feb. 2021 – Jan. 2023*

National Tsing Hua University — Hsinchu, Taiwan
Bachelor of Science in Computer Science — *Sep. 2015 – Jan. 2021*

AWARDS

Civil Internet of Things Taiwan 2017 — Third Place
National Tsing Hua University — *Hsinchu, Taiwan*

CONFERENCES

Ruby Kaigi 2023 | *Tokyo, Nagano* — May 11, 2023 – May 13, 2023
IEEE Cloud Com 2022 | *Bangkok, Thailand* — December 13, 2022 – December 16, 2022

PROJECTS

Music Recommendation System | *Numpy, Pandas, and scikit-learn.*
AI Coding Assistant | *Llama 2, Ollama, and Python WASM Compiler.*
Personal Website & **Klang** | *Contentlayer, Next, and Tailwind CSS.*
Schedulearn | *Docker, FastAPI, Horovod, and SQLite.*

TECHNICAL SKILLS

Specialty: Python.
Languages: Go, TypeScript, Ruby, and Python.
Web Frameworks: Django, FastAPI, Next, and Ruby-on-Rails
Web Libraries: React and Vue.
Containerization: Docker and Kubernetes.
Deep Learning Libraries: Keras and PyTorch.
Distributed Computing Frameworks: Horovod and Spark.
Machine Learning Libraries: Numpy, Pandas, and scikit-learn
Database: ElasticSearch, MySQL, and SQLite.
Others: Git and Linux/Unix