

Tom Tsui Backend Developer

📍 151-0053 Tokyo ✉️ tomtsui2642@gmail.com ☎️ 070-4322-2747

🌐 <https://github.com/tom2642> in <https://www.linkedin.com/in/tomtsui/>

📌 https://www.wantedly.com/id/jo_genei



👤 PROFILE

Coming from a background in Mechanical Engineering, I became a Backend Developer since I am fond of the logical nature of coding. Looking for a junior dev job at a start-up or small-to-medium enterprise in Tokyo. Currently mainly use Ruby (on Rails) and JavaScript and is open to learning any other languages or frameworks.

🎓 EDUCATION

Le Wagon Tokyo, *Web Development* ✨

2021/09 – 2022/03 | Tokyo

24-week part-time intensive coding bootcamp learning Ruby on Rails, JavaScript, Git, GitHub, Heroku, SQL, HTML and CSS.

The University of Hong Kong, *Bachelor of Engineering (BEng), Mechanical Engineering* ✨

2012/09 – 2017/07 | Hong Kong

📁 PROJECTS

ExamGen ✨

2022/01 – 2022/01

ExamGen is a Web App created using Ruby on Rails that helps teachers create exam papers.

Using Pandoc to convert docx to markdowns, it can parse question banks into its PostgreSQL database while preserving images and formats like tables.

Preview of questions is available on the site by converting the markdowns to HTML. Users can then choose questions and download the generated docx with correct formatting.

A basic authentication and authorization system is implemented using Devise and Pundit gems.

The app is hosted on Heroku. Image files are stored on Cloudinary and are linked to model objects via Active Storage.

It was developed as the final project of my coding bootcamp.

👜 PROFESSIONAL EXPERIENCE

Mechanical Engineer,

Logistics and Supply Chain MultiTech R&D Centre ✨

2017/08 – 2020/12 | Hong Kong

Design the hardware and mechanisms of robotic systems

Undergraduate Research Assistant,

HKU Advanced Robotics Initiative ✨

2014/07 – 2014/08 | Hong Kong

Build tools to assist test run and calibration

🧠 TECHNICAL SKILLS

Ruby on Rails

Git & GitHub

Collaborative Development

Heroku

PostgreSQL

JavaScript ES6

Stimulus JS

HTML & CSS

Pandoc

Linux

MVC

Cloudinary

🗣️ LANGUAGES

English

TOEIC Listening & Reading 915/1000

TOEIC Speaking & Writing 370/400

● ● ● ● ●

Japanese

JLPT N1 167/180

● ● ● ● ●

Cantonese

Native

● ● ● ● ●

Mandarin

● ● ● ● ●