

# TEO, BRENDAN WEI ZHI

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## WORK EXPERIENCES

### Freelance Web Developer

Dec 2023 – Present

- Developed and managed website for mixed martial arts business with a **digital presence boost of 6.5% CTR, 680 impressions resulting in heightened average 2 client conversation** for personal training every month.
- Led continuous monthly website maintenance and SEO improvements with an **elevating key search words to top 5 Google results** for client's business

### Intel Corporation, Malaysia

#### SoC Design Engineer

Apr 2022 – Jun 2023

- Developed debugging scripts that **optimized 44% bug reporting churn-out rate**
- Analyzed and resolved **59 unique project bugs** within the first-phase project delivery
- Coordinated with 2 teams for early debug effort to **resolve 19 critical design** and simulation bugs

#### Soft-IP Validation Engineer

Mar 2021 – Apr 2022

- Developed email bug reporting system results with **15% debug effort improvement** within the team
- Developed bucketization script that sorts +10k test failures that **guide capture of early critical bugs**
- Spearheaded test migration effort for legacy project **within 2 weeks with +70 features**

## PROJECTS

### Jiu-jitsu Technique Tracker – Technique learning app

Feb 2024 – Present

- Designed using MongoDB, Express.js, React.js, Node.js (**MERN**) **technology stack**
- Visualized feature consists of Logging, Category management, Note-taking, and Media attachments
- Inspired from personal hobby that would help me recap and keep track of my learning progress

### SimplyPress – Blog post web app for mock-up article planning

Nov 2023 – Dec 2023

- Developed using EJS, CSS, Javascript, Express.js, Node.js, and Bootstrap
- Basic CRUD functionality** of add, delete, edit, and post with author, title, content, and genre contents
- Inspired from writing a Medium blog post that goes into draft before publishing

### QRFreg – URL to QR Code Generator Replica

Dec 2023

- Developed using Bulma.io with HTML, CSS, Vanilla Javascript, Node.js and NPM library package
- Possess **URL to QR code functional** with qr-code npm package that converts valid URL
- Inspired from online URL to QR Gen with fancy frame that turn URL to downloadable QR code

## EDUCATION

### Northumbria University Newcastle

Oct 2019

Bachelor in Electrical and Electronic Engineering, **First Class Honours**

## SKILLS & LANGUAGES

HTML/CSS • Javascript • Python • JQuery • Node.js • Express.js • MongoDB • Git • Bootstrap • Bulma.io • Communication • Collaborative • Adaptable • Detail-oriented • English • Mandarin • Malay

## CERTIFICATES

Career Essentials in Generative AI – Microsoft and LinkedIn Online Course

Issued on July 2023

The Complete 2023 Web Development Bootcamp – Udemy

Expected Completion Feb 2024