

Nathan Un Castro Huang

Software Engineer

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TECHNICAL SKILLS AND TOOLS

JavaScript | HTML | CSS | React | Node | Express | PostgreSQL | Next.js | TypeScript | Bootstrap | Tailwind | Git | GitHub | Webpack | Figma | Slack | DbDesigner | Bulma.io | AJAX | JSON | REST APIs | Strapi | OOP | Frontend | Backend | Full-Stack | FDD

APPLICATIONS DEVELOPED

STRIVE – Workout Tracker, [GitHub](#) • [Live](#)

A full-stack web app created with React, Express.js and PostgreSQL for people who want to track workouts

- Designed **RESTful API** through **Node** and **Express** to handle server requests for sending, receiving and editing user workout to and from database
- Created responsive and user-friendly interface with **React** and **React Hooks** in combination with **ES6 syntax** for collecting and sending user data through **API requests**
- Manipulated complex **data structure** for retrieving and displaying workouts, exercises and sets
- Engineered **PostgreSQL** database and database queries for saving and retrieving workouts

ROAM – City Finder, [GitHub](#) • [Live](#)

A web app structured with OOP principles utilizing a third- party API to find and save details of major cities

- Created responsive and intuitive front-end web page utilizing **HTML**, **CSS** and vanilla **JavaScript** through **DOM manipulation**
- Implemented **AJAX** for asynchronously loading information efficiently and to seamlessly navigate the web app
- Retrieved data using **API requests** to arrange and display detailed query results of cities
- Designed sitemap through **Figma's** wireframing tools for mobile and desktop

PROFESSIONAL EXPERIENCE

English Teacher, Santian & Qingshui Elementary Schools

Oct 2020 – Jun 2021

- Designed lesson plans, presentations, activities and assessments for classes of about 25 students
- Communicated, planned and collaborated with local teachers designing lessons, assessments and activities

English and Portuguese Tutor, HiTutor & Evolve Languages

Aug 2019 – Dec 2020

- Tutored and instructed over 20 students of varying proficiency levels and ages

Administrative Assistant, PMCell & Wanhao Brazil

Apr 2019 – Apr 2020

- Communicated, collaborated and negotiated with suppliers for orders, partnerships and after-sales support
- Organized and maintained attention to detail when tracking expenses, inventory and sales

EDUCATION

Full-Immersion Web Development Program, [Learning Fuze](#)

Completed August 2022

- Dedicated over 800 hours of programming (70+ hours/week) in a simulated work environment for 14 weeks

Bachelors in International Business Administration, Providence University

Completed June 2018

LANGUAGES

- Native English
- Native Portuguese (Brazil)
- Intermediate Chinese Mandarin