# **Ruochen Tang**

# Developer

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# Work experience

# Web Developer

2019 - Present

# Solution Agency / Primax

Currently working as a full stack web developer at Solution Agency, previously Primax. Notable projects here are integrating multiple client sites with their ERP systems, a drag and drop safe builder for Fortis built in a Laravel-Vue stack, and implementing email 2FA and Okta login for Avery-Dennison in a Firebase-Vue stack. Additionally many of projects involve Wordpress.

# Developer (Summer Co-Op)

May 2018 - August 2018

# Cincinnati Children's Hospital Medical Center

Worked as a developer on the frontend to display their PBGE-NGS studies, involving large SQL databases with genetics data. Worked mainly with Bootstrap (HTML/CSS/JavaScript) for the frontend, with JSP in an Apache Tomcat server. Also wrote small tools in Python to help organize data.

## IT Intern

June 2016 - August 2017

#### Cincinnati Insurance

Worked as an IT Intern at Cincinnati Insurance Company doing development for the IT Life department, which develops life insurance applications for internal use using C#, SQL, and web languages such as HTML5/CSS3, Angular, and vanilla JavaScript.

Freelance Web Development

2015 - 2016

Intern/Custom Developer

May 2013 - August 2013

Ascendum

# **Projects**

# r/Anime Awards

2017 - Present

## https://animeawards.moe/

Ongoing long-term volunteer project. Supported the r/anime awards both as an organizer and as a web developer since 2017. Originally coded in Angular, the site now runs on a stack of Polka (similar to Express) and Vue, and notably integrates with Discord, Reddit OAuth, and Plausible.io. Behind the frontend results display, the site has a CMS to allow organizers to manage categories, nominees, an application form, and multi-phased voting.

bio2 2018 - Present

## For Fun GPT2 Discord Bot

A Python discord bot that started as a joke. Initially utilizing simple Markov chains to generate original dialogue, it eventually became a pet project that allowed me to dip my toes into AI; it attempts to generate meaningful quips on the fly without human filtering. A major early hurdle was smooth operation on a Raspberry PI, due to limited memory and model size.



## **Education**

University of Cincinnati

Ohio State University

Sycamore High School

Frontend

HTML

CSS

SASS

JavaScript (including ES6)

Vue.JS

#### Backend

PHP

Laravel

MySQL Python

Firebase

lava

C#

Various API Integrations

## Tools

npm / yarn

Git / Source Control

Wordpress

- CMS
- Custom Plugin Development
- Custom Theme Development

Photoshop

Tensorflow / PyTorch / Transformers Game Maker Studio

## Miscellaneous

Digital Art

Digital Art

Spoken Chinese

Spelling miscellaneous correctly on the first try

