

Ruochen Tang

Developer

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rtang.me github.com/pandavenger

Work experience

Customer Development Analyst 2022 - Present

KPI

- Supporting Java/SQL applications for handling warehouse transport and shipping.
- Identify bugs and create/install patches including unit testing

Web Developer 2019 - 2022

Solution Agency / Primax

- Introduced automated deployment pipeline on Bitbucket for branch based deployment to staging and production environments.
- Drag and drop safe builder built in a Laravel-Vue stack with Excel and PDF export
- Implemented email 2FA and Okta login in a Firebase-Vue stack.
- Involved in many projects using Wordpress, maintaining a standard of accessibility, responsiveness, SEO and load speed.
- Built a custom payment gateway for Woocommerce for large e-commerce client serving customers nationwide, ensuring PCI compliance.
- Frequent communication with clients via emails and meetings, ensuring clarity of deliverables and client satisfaction.

Developer (Summer Co-Op) May 2018 - August 2018

Cincinnati Children's Hospital Medical Center

- Worked as a developer to display data from their PBGE-NGS studies, involving large SQL databases with genetics data. Mainly JSP in an Apache Tomcat server.
- Built assorted tools in Python to help organize data internally.

IT Intern June 2016 - August 2017

Cincinnati Insurance

- Developed application for internal use by underwriters using C#, SQL, and web languages such as HTML5/CSS3, Angular, and JavaScript.

Intern/Custom Developer May 2013 - August 2013

Ascendum

- Worked on Sharepoint application including Excel document generation.

Projects

r/Anime Awards 2017 - Present

<https://animeawards.moe/>

- Main developer on ongoing long-term volunteer project that serves an active userbase of 5000+, with up to 30000+ unique monthly hits since 2017.
- Contributed heavily to CMS to allow organizers to manage categories, nominees, an application form, and multi-phased voting.
- Built frontend utilizing Vue and Bulma, with attention to responsiveness and accessibility, as well as emphasizing the ability to compare results.
- Designed database as well as contributed to writing new API routes including authentication and pagination. Uses a Polka (Express-like) server.
- Solo-coded a initial iteration of the site in Angular.

bio2 2018 - Present

<https://github.com/pandavenger/bio2>

- For Fun GPT2 Discord Bot
- Utilizes tensorflow to finetune and generate text via GPT-2 models.
- Utilizes a local Flask server local routes to better facilitate text generation.

Skills

Frontend



HTML
CSS
SASS
JavaScript (including ES6)
Vue.JS
Bootstrap
Bulma
Responsive web design

Backend



PHP
Laravel
MySQL
Python
Firebase
Java
C#
GraphQL
RESTful APIs
NoSQL DBs

Tools



npm / yarn
Git / Source Control
Wordpress
- CMS
- Custom Plugin Development
- Custom Theme Development
Photoshop
Tensorflow / PyTorch / Transformers
Game Maker Studio

Miscellaneous



Digital Art
Spoken Chinese
Spelling miscellaneous correctly on the first try

- Built to be able to run off Raspberry Pi 4 on smallest GPT-2 model.