



RAYMOND YANG

FULL-STACK DEVELOPER

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Katy, TX (can relocate)



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SKILLS

Frontend

HTML5, CSS3, Bootstrap
JavaScript, jQuery
React.js, Redux

Backend

Node.js, Express.js
Node-RED
Python

Database

PostgreSQL
Sequelize
IndexedDB
InfluxDB

Other

Git, GitHub
AWS, Heroku, IBM Cloud
MATLAB
Mathematica

EDUCATION

Case Western Reserve University
Polymer Science & Engineering
BSc, January 2017

PORTFOLIO

IoT Gateway | Timbergrove Solutions LLC

Mar 2019

Node.js, Node-RED, IndexedDB, InfluxDB, React, Redux, HTML, & CSS

- Timbergrove is an IBM Advanced Business Partner focused on enterprise projects in SOA, big data analytics, and IoT initiatives
- Proprietary IoT project which simplifies data flow from remote IoT device to mobile PWA to Node-RED cloud server and InfluxDB database
- Led group of three in finalizing PWA and cloud platform endpoint
- Wrote automated data transfer API and designed Node-RED server architecture

Trender | [GitHub](#) | [Visit Trender](#)

Jan 2019

Node.js, Express, PostgreSQL, Sequelize, HTML, & CSS

- A full-stack content aggregation web app inspired by Reddit
- Features account creation, authentication, and content creation
- Led group of two in UI design, backend design of routes, data queries, views, and database schema design

Pokémon Arena | [GitHub](#) | [Play Pokémon Arena](#)

Dec 2018 – Jan 2019

JavaScript, HTML, & CSS

- A Pokémon battle simulator inspired by Pokémon Showdown
- Utilized object-oriented programming principles to abstract and model classes and architect project design
- Utilizes PokeAPI for retrieving JSON of Pokémon information
- Led group of four in project design and task delegation and oversaw deployment including resolving merge conflicts

RPG Game | [GitHub](#)

Nov 2018

Python

- A terminal-based RPG in which players can choose a character, explore different locations, encounter enemies, and find treasure
- Designed with object-oriented programming principles

EXPERIENCE

Student | DigitalCrafts Bootcamp | Houston, TX

Nov 2018 - Mar 2019

- A 16-week intensive, full-time accelerated learning program
- Covered Python and JavaScript NERP stack (Node.js, Express, React & PostgreSQL) for full-stack web development
- Covered version control and deployment via Git, GitHub, Amazon Web Services and Heroku

Instructor | Girl Develop It | Houston, TX

Feb 2019 - Present

- A nonprofit organization that provides affordable opportunities for women to learn introductory web and software development
- Teaching a 3-day introductory Python class
- Lead curriculum and lesson plan development