# RAYMOND YANG

FULL-STACK DEVELOPER

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## SKILLS

**JavaScript**
Node.js
Express.js & EJS
React.js & Redux
jQuery

**Python**

**Database**
PostgreSQL
Sequelize

**Other**
HTML, CSS, Bootstrap
MATLAB
Mathematica

## EDUCATION

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

**DigitalCrafts Houston**
Full-Stack Web Development
Certificate, March 2019 (expected)

## PORTFOLIO

**Trender |** GitHub **|** Visit Trender — **Jan 2019**
*Node, Express, PostgreSQL, Sequelize, HTML, & CSS*
- A full-stack social media and content aggregator inspired by Reddit
- Features account creation, authentication, and content creation
- Co-lead front-end UI design and lead backend design of routes, data queries, views, and database schema design in a group of 2

**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 efficiently retrieving relevant information
- Lead project design, managed task delegation, and oversaw deployment including resolving merge conflicts in a group of 4

**Blackjack |** GitHub **|** Play Blackjack — **Dec 2018**
*JavaScript, HTML, & CSS*
- A fully playable Blackjack simulator with betting, a choice of starting deck sizes, and accurate shuffling
- Uses jQuery and DOM manipulation to efficiently handle event listeners

**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 - Present**
- A 16-week intensive, full-time accelerated learning program
- Learning Python and JavaScript NERP stack (Node, Express, React & PostgreSQL)
- Learning web development with HTML & CSS and deployment via Amazon Web Services

**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 with 21 students
- Lead curriculum and lesson plan development