

Ethan Vernon

Front-end Web
Developer

Summary



I'm a front-end web developer currently living in Shenzhen, China. I am constantly making personal projects and learning new things. I am looking for an opportunity to move back to the US and work as part of a team as a front-end web developer.

Expertise



JavaScript
Problem-solving
create-react-app
JS algorithms

Technical Skills



HTML
CSS
JavaScript
jQuery
Bootstrap
React.js
PHP
SQL
Github & Git
npm

Contact information



ethan.vernon@colorado.edu
github.com/ethanvernon
linkedin.com/in/ethanvernon
fromgaming.com

Education

B.A. in Chinese & International Affairs, CU-Boulder, Boulder, CO, USA

- Focused on political geography, international conflict, and foreign policy

Self-study

Front-End Certificate, JS Algorithms and Data Structures, FreeCodeCamp

- HTML, CSS, JavaScript, and Bootstrap
- 45 JavaScript algorithms

Various courses, Codecademy

- Used to learn things such as PHP, SQL, JavaScript, and React.js

Web development projects

Life Cleric Spell Chooser - Manage all of your D&D spells in one app

- Used create-react-app, deployed to Github pages
- Made first using an API then switched to an array of objects for speed

D&D 5e NPC Generator - Replaces a dozen dice rolls with the click of a button

- Made a quick create-react-app
- Added a "copy to clipboard" button for ease of use

Story Dice Roller - Spark creativity by rolling 3 random story dice

- Built each dice image in Gimp from various Pins and a blank cube
- Quickly coded a create-react-app to choose 3 at random and roll them
- Preload images and show a loading message for slow connections (China)

Party Manager - Quickly refer to information about your D&D party

- Made a create-react-app with multiple "pages" via a navbar and state management
- Potential to later hook-up to a database and keep track of party resources

Wildshape Calculator - Makes wildshaping into your favorite animal easy

- Chose React to dynamically and quickly update the DOM based on user choices
- The user inputs various aspects of their character, and the app handles the arithmetic

Ab Workout App - Generate a high-intensity ab workout

- Built using vanilla JavaScript, Bootstrap, SQL, and PHP
- Pulls exercises from a database and filters based on user preference
- Generates an exercise and provides voice and visual prompts

Pomodoro Clock - A useful tool for time management

- Used HTML, CSS, and Bootstrap to style the page
- Made with jQuery and JS, then remade with React and uploaded to Github pages

Twitch Viewer - Follow your favorite Twitch.tv streamers

- Accessed Twitch.tv's API via AJAX GET requests
- Responsive web design using CSS media queries

FromGaming.com - Personal portfolio page

- Used early-on to write about my progress
- Navigated domain name purchasing, hosting, and database management

Weather App - Find out the current weather conditions in your area

- Used OpenWeatherMap's API via jQuery GET request
- Got user location data using the browser's geolocation

Other experience

English Language Teacher - Various schools, China & USA - 2015-Present

- Adapt to all sorts of ages, class sizes, and English levels
- Collaborate with colleagues and/or work independently
- Be totally accountable for student's successes or failures
- Adapt on the fly to ever-changing job demand