

# Andrew Harper

## Web Developer

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### Skills

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HTML | CSS | Bootstrap | JavaScript | React.js | JSON | APIs | Vite | Node.js | Responsive Design | GIT  
JQuery | Version Control | Photoshop | Adobe Premiere

### Publications and Projects

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#### Card Stacks, <https://grassfinn.github.io/MtgCollection/>

A Magic the Gathering web app made with **React.js**. Users can search to find cards to add or remove from their collection.

**Technologies:** React.js, JavaScript, HTML, CSS, Bootstrap, APIs

#### EZ Forecast, <https://grassfinn.github.io/16-day-forecast/>

A simple weather app that uses the Geolocation API and fetches a 16-day forecast as well as a 48Hr forecast.

**Technologies:** Node.js, API, JavaScript, HTML, CSS, Bootstrap

#### Frontend Mentor Mondays, <https://www.twitch.tv/hobojohn6/schedule>

A weekly stream where I code frontend mentor challenges with **JavaScript/React.js**

#### HarpCode, <https://harpcode.tech/>

A monthly blog where I write technical material about what I am learning and create tutorials of small web applications.

### Professional Experience

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11/2022 – present

Remote

#### Frontend Web Developer Instructional Specialist, 2U

- Assist classes of 80-100 students in Frontend technologies such as Git, HTML, CSS, Bootstrap, JavaScript, APIs, JQuery, and React.js.
- Maintain and provide additional support to pods of 20-30 students supporting their learning through various teaching strategies.
- Code review/Pair program with individual students on best practices for their projects.
- Used Python to create automation for student attendance which would lead to 2 staff hours saved every week.

07/2022 – present

Remote

#### Web Developer Instructor, America on Tech

- Instruct cohorts of 8-30 high schoolers in the best practices of HTML, CSS, and Bootstrap in which they would go to win end-of-term demo day competitions
- Provide 30-minute live coding demos of principles and methods for web development.
- Code review students' projects and provide feedback on best practices.
- Assist students in debugging their code.

01/2022 – present

Remote

#### Coding Teacher, Create and Learn

- Instruct and manage class sizes of 4-10 of all ages via Zoom on coding concepts and principles.
- Simplify complex CS terms and principles for ages 6-17.

### Certificates

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#### MIT CS50

120+ hour computer science intro that covered the basics of computational thinking through project-based learning in many programming languages.

#### Scrimba Frontend Developer Career Path

70+ hour self-paced Bootcamp covering theory and applications of web development through project-based learning.

Technologies: HTML, CSS, Bootstrap, Ui Design, JavaScript, APIs, React.js, Version Control

#### FreeCodeCamp JavaScript Algorithms and Data Structures

20+ hour Self-paced certificate that taught JavaScript algorithms, data structures, functional programming, and OOP.

Technologies: JavaScript, Array and object methods, REGEX, OOP, Functional Programming

### Education

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2017 – 2020

Valdosta, United States

**Bachelor of Science in Education, Valdosta State University**