

**Seong-Hyun Ryoo**  
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B.S. in Computer Science (3.91 GPA)  
Georgia Institute of Technology  
Expected graduation: May 2022

## Skills

Semantic HTML, web accessibility  
CSS, JS, Next.js, React.js, Angular, PHP, WordPress  
Inkscape, Figma, Clip Studio Paint  
Unity (C#), Java

## Work experience

### Front end development intern, IBM (2021)

- Next.js, React, HTML/CSS/JS

### Front end developer, Global Change Program (2019 - present)

- Designing and developing websites for the Georgia Tech Global Change Program as well as other climate change organizations in Georgia

## Projects

### Georgia Climate Conference Website (2019)

- Wireframing and high-fidelity mockups
- WordPress theme, widget, and plugin development (PHP, HTML, CSS, JS)
- Website launch (Google Cloud Platform) and maintenance

### Smart Sea Level Sensors Website (2020 - present)

- Conversion from static Jekyll site into mobile-responsive, dynamic WordPress site
- Redesigned to improve keyboard accessibility, visual contrast, and screen-reader accessibility
- WordPress theme and CMS plugin development (React.js, PHP, HTML, CSS, JS)

### Global Change Program Website: Redesign Process (2020)

- Conversion from static HTML to dynamic Drupal site with XML feed integration
- Drupal theme development and CMS (PHP, Twig, JS, CSS)

### Global Climate Action Symposium 2020 Web Presence

- Node.js used to traverse file directory, retrieve text files, interpret a simple custom HTML templating language, and generate static HTML files organized into a file tree.

## Personal projects

### Pocket Vinyl (2019)

- Developed an interactive art toy that simulates a playable vinyl album
- Created in 48 hours for HackGT Horizons (Art + Tech hackathon) 2019
- Made with HTML/CSS/JS and digitally archived vinyl records

### Haiku Typewriter (2018)

- Developed a web app that allows users to simulate an antique typewriter with satisfying sounds and key presses; users can also download their completed compositions
- Created in 48 hours for HackGT 2018