

Alison Childers

Developer and Educator

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CAREER SUMMARY

Experience	6+ months as Freelance Web Developer, 9+ years as a high school math educator.
Languages	JavaScript, React, Bootstrap, jQuery, HTML, CSS
Tools	Google Sheets/Excel, VS Code, Figma, Git/GitHub, W3C, Lighthouse
Leadership	Led 5 professional developments for over 100 teachers, coached color guard for 6+ years for over 70 students, coached math team for 9 years for 120+ students. Provided ongoing professional development in tech for teachers.

PROFESSIONAL EXPERIENCE

Self-employed Carmi, IL
Freelance Front-End Developer 01/2022 - PRESENT

Technologies: React, Google Apps Script/Google Sheets, JavaScript, HTML, CSS, Bootstrap, Figma

- Collected user stories from clients.
- Pioneered an EdTech app GroupCheck using Google Apps Script that will help 20,000 teachers
- Created tutorials for GroupCheck app to demonstrate setup to users.
- Created automated workflow solutions in Airtable to collect contact information and track status
- Collected feedback from users and used it to improve application.
- Designed the UI of a consulting business website using Figma.
- Developed the front-end of 3 websites in VS Code using HTML/CSS/JS.
- Designed and developed personal website and 5+ projects using React, JavaScript, and HTML/CSS/Bootstrap.
- Enhanced efficiency and accessibility of personal website by performing audits with W3C and Lighthouse.

Carmi-White County High School Carmi, IL
Mathematics Teacher 08/2018 - 05/2022

Technologies: HTML, CSS, Google Apps Script

- Restructured activities for engagement and automation using Google Apps Script and Desmos Script
- Automated (Google Sheets) manual report generation for state testing results for over 200 students and families.
- Mentored over 200 students through color guard and math team programs.
- Trained 150+ staff in adoption of various EdTech platforms and how to enhance their classroom use.
- Collaborated with a 3 person math department to restructure and improve student outcomes by 50% over 3 years.

PROJECTS - <https://alisonchilders.com/customsolutions/groupcheck> – <http://alisonchilders.com/projects.html>

GroupCheck App for Teachers 06/2022 - 08/2022

Technologies: JavaScript, Google Apps Script, Google Sheets, HTML, CSS

- Teachers enter their rosters to create random groups and track their progress during the lesson.
- After the lesson, teachers can push the data to a separate spreadsheet and view a cumulative class summary.

Movie Database App 06/2022

Technologies: React, JavaScript, HTML, CSS, Bootstrap, API

EDUCATION & ACCREDITATION

Southern Illinois University Carbondale, B.S. Mathematics 08/2008 - 12/2011

- Included CS 201 (Java)

Meta Front-End Certification (Coursera) 07/2022 - Current

- Earned “Intro to Front-End” Certificate and “Programming in JavaScript” certificate
- Earned “Version Control” certificate (Git/GitHub, CLI)

