Todd Jollo toddjollopdx@gmail.com

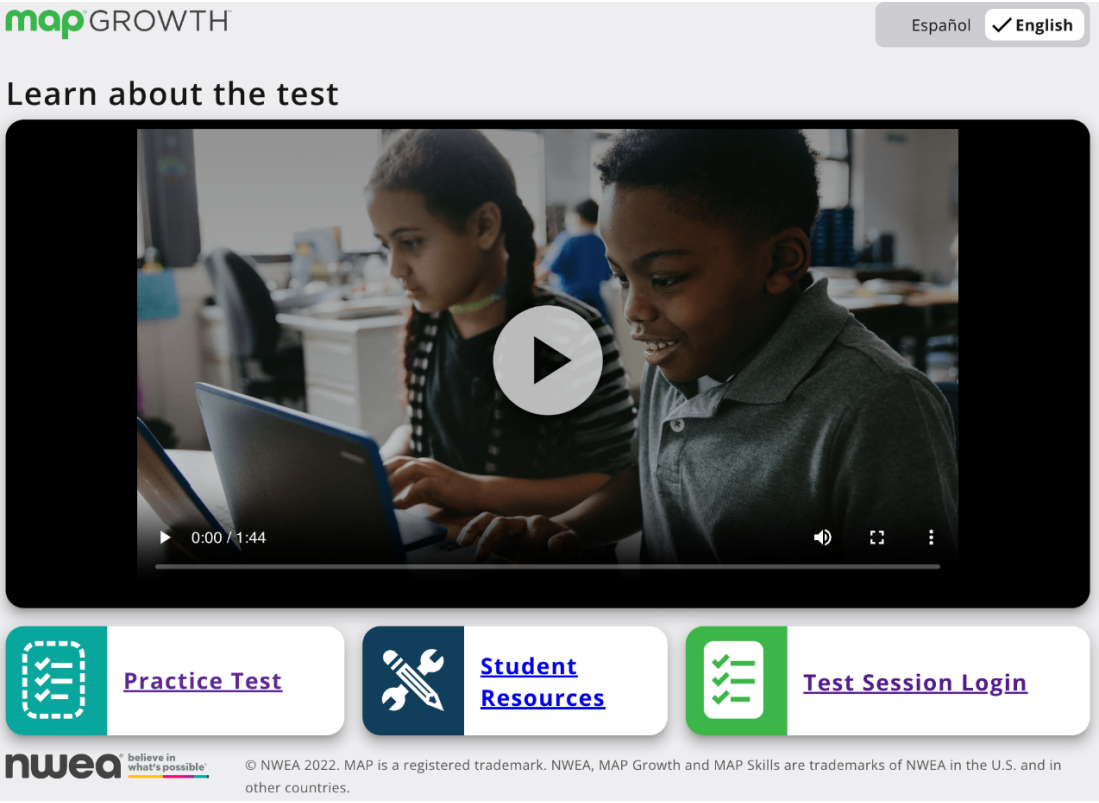
Project: NWEA MAP Student assessment application, AngularJS to React modernization

Year: 2021- 2023, Placed on hold during acquisition of NWEA by HMH

Job Title: Software Engineer

Work Performed:
- The original AngularJS student application was being converted to a modern ReactJS application.
- I developed ReactJS components and responsive interfaces for the national NWEA MAP Student Testing Application.
- I used Design System components and specifications to create the application UI, ensuring it met modern accessibility requirements.
- As a Certified Scrum Master, I led agile ceremonies, promoted agile processes, and improved software development methodologies within the Engineering Item Experience team.
- I collaborated with accessibility team members and UX designers to develop the student application and tested the UI for compliance using JAWS and macOS accessibility tools.

Technology Stack:
Typescript, Typescript JSX, JavaScript, ReactJS, CSS Modules, Web Components, Ava/Jest (Unit Testing), Cypress (Functional Testing), Jenkins, Git, Figma



Project: NWEA Measures of Academic Progress (MAP) Student assessment application

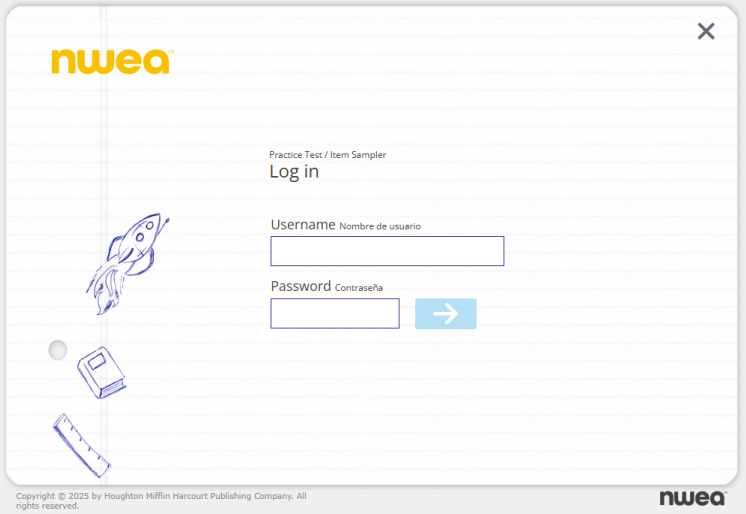
Year: AngularJS Application Creation – 2013-2014

Job Title: Multimedia Developer

Work Performed:
- One of the first NWEA engineering team members transitioning to modern web application development, I helped create the first AngularJS 1 application for thousands of concurrent NWEA student users.
- I worked to match the graphical user experience of the MAP testing CD-based application.
- Using AngularJS 1, I created partials, AngularJS code (Model-View-Controller), and LESS CSS.
- I collaborated with accessibility stakeholders to incorporate best practices for accessibility at the time.
- Converted thousands of Flash interactive test questions into interactive HTML, JS, and CSS.
- I also worked with designers to update graphics for the new Angular application, replacing outdated Java Rich Faces system alerts.
- Coordinated with product representatives for beta testing and the final production release.

Technology Stack:
AngularJS 1, CSS Preprocessor LESS, Jasmin/Chia (Unit testing), Protractor Functional testing, Jenkins Build Pipelines, Git, Grunt, Bower, Yeoman (front-end trifecta), Photoshop, Illustrator, JAWS

URL (Public URL): Test Player https://practice.mapnwea.org/#/practice-landing



Todd Jollo tjollo2010@gmail.com

Project: NWEA Design System

Year: Design System Project – 2016-2020

Job Title: UX/UI Developer

Work Performed:
-The NWEA Design System served as a guide specifically for software application products developed by NWEA engineering teams.
- As one of the founding engineering members of the NWEA Engineering User Experience team, I helped write the initial UX Charter for NWEA.
- I coordinated the three core teams involved with NWEA's Design System: Accessibility, Design, and Engineering.
- As Scrum Master for the NWEA Design System, I helped track the agile work.
- I developed and deployed the ReactJS website, integrating Sketch design documents and incorporating the functioning web components.
- I developed Design System web components that met WCAG compliance for Section 508, with a specific focus on foundational CSS components and buttons.
- I developed and implemented the Node Design System library, which was integrated into engineering builds using NPM installs.
- I provided technical assistance to teams implementing the Design System via NPM.

Technology Stack:
ReactJS, CSS Modules, Web Components, Storybook, InDesign, Sketch, Illustrator, Jenkins, Git