

# Cameron MacDonald // [cdmacdonald@proton.me](mailto:cdmacdonald@proton.me)

[Certified Professional in Accessibility Core Competencies](#)

[NN/g UX Certified \(1055208\)](#)

[UserZoom Certified](#)

## Education

B.A. Computer Science – Gustavus Adolphus College

## Experience

### **Sr. Design Technologist** – Ameriprise Financial

Sep 2021 – Present

- Delivered dozens of accessibility improvements to comply with WCAG 2.1/2.2 AA, (React, HTML/CSS/JS)
- Closely collaborated with marketing, designers, and brand to enforce design guidelines through the design system
- Provided technical leadership for team, mentored colleagues, coordinated Node package releases
- Lead education, adoption and migration to Figma from Sketch
- Improved team agile processes and issue tracking
- Implemented multiple React components with unit tests in Jest, ensured accessibility and usability
- Refactored repository to use CSS preprocessor LESS (eliminating dozens of dependencies), forked dependency to maintain internally
- Upgraded CI/CD configuration to expedite releases (Jenkins, Docker, Artifactory)
- Hosted three weekly office hour sessions where I helped/educated developers on product teams

### **UI Developer** – Hamm Interactive / *Ameriprise Financial*

Feb 2020 – Sep 2021

- Contributed to design system from product team
- Refactored annual report web application, reducing custom CSS from several hundred lines to less than 100, fixed accessibility issues and ensured appropriate captions and alt text were provided for any visual information
- Conducted accessibility audit on major user-facing application, compiled results and action plan which resulted in a 12 point improvement on automated scan results

### **Full Stack Developer** – UnitedHealth Group / Optum

Jan 2018 – Jan 2020

- Automated data collation and organization from Aha, output to PowerPoint. Reduced manual process from 2+ days to around 10 seconds of effort.
- Developed Domo analytics dashboard card for displaying multiple projects' data in one comparative summary
- Improved Angular-based automated claims processing application, migrated CI/CD pipeline

## Personal Work

[Proton to KeePass](#) – Convert encrypted Proton Pass exports to KeePass databases

[Fresh Eyes](#) – Chrome extension to aid users with color vision deficiencies

[postcss-hocus-pocus](#) – Small extension for PostCSS to provide shorthand for *:hover/:focus/:active* selectors

## Skills

- HTML
- CSS
- JavaScript
- TypeScript
- PostCSS
- Sass
- Less
- React
- Next.js
- Node.js
- Jest
- Express
- Handlebars
- Gulp
- Python
- npm
- Webpack
- Vite
- Parcel
- Nx
- Lerna
- Artifactory
- Netlify
- Jenkins
- Docker
- Git
- Unix
- WCAG
- Web Accessibility
- VoiceOver
- NVDA
- Sketch
- Figma
- Design Systems
- UX Design
- Adobe Creative Suite