Caleb Taylor

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Skills & Tools

- JavaScript
- React
- CSS & Sass

- Typescript
- Git Version Control
- WACG (Accessibility)

- SVG & GSAP

Personal Projects

Front End Applications

Facify   **June 2021**

- Uses Clarifai's Face Recognition API to detect faces from photos. Clarifai returns raw data, which Facify parses to render bounding boxes around the faces and a table that contains faces demographics.
- Proxy server is used to extract image data, when uploading photos are from public URLs. This due to how extracting data in images from other sites could be potentially not allowed in the client, thus triggering browser's CORS policy error.
- Corrects photos original orientation by reading the Exif data, since it's possible uploaded image will incorrectly result in upside down orientation.
- The faces, from uploaded image, are then cropped on the client side, using Canvas API.
- Created URL parser to validate image URL and query possible image thumbnail from URL id.

Solid Dismiss   **October 2021**

- A utility library, for web developers, to create "click outside" behavior to close dropdown/popup menus.
- Ensure easy learning curve, by providing clear extensive documentation, interactive demo page with simple to complex examples.
- Quality assurance is done by writing tests using TestCafe software.
- Performant, flexible (works with modern browsers) and light-weight (7 kilobytes when gziped).

3nRow: Tic Tac Toe Game   **March 2021**

- Animations done exclusively through CSS and SVG.
- No JavaScript frameworks or UI libraries used. Libraries are there to help us utilize how data is managed/presented and carefully rendered by the browser. I understand how to build clean organized code by using the MVC methodology (Model View Controller), as well as rendering data that respects the browser render pipeline thus ensuring performance.

Education

James A. Garfield High School   **August 2012 – June 2016**
Los Angeles, CA

- GPA: 3.8

Other Experience

Aquarium of the Pacific   **June 2016 – December 2017**
Husbandry Volunteer   *Long Beach, CA*
- Assisted Husbandry staff for maintaining several exhibits that housed endangered species

Interests

- Reading books/articles related to programming, helping other programmers problem solve.