JAMES TEDESCO

Front End Developer

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⚫ /JamesTedesco

TECHNOLOGIES

- JavaScript
- Node.js
- Responsive CSS & SCSS
- Semantic HTML
- Git & trunk-based workflow
- Nunjucks templating
- Serverless Databases
- Serverless Functions

APIs & TOOLS

- Google Firebase
- Azure Functions
- Twilio API
- Gmail API
- Eleventy.js
- Google Sheets API
- Adobe XD
- Canva

EDUCATION 2018–Present

University of Vermont | B.A.
Political Science with thesis on voter behavior statistics.

Université de Caen | DUEF
- B1+ French (CEFR scale)
- Native English

DEVELOPMENT Oct 2018 – Present

La Carte Gourmande: Used web design practices to build a mobile first web app to advertise restaurants. Written with semantic HTML, responsive CSS, and JavaScript. Collaborated with designers, and conducted multiple rounds of UX interviews to refine the product.

UVM Votes: Used HTML, modern CSS, JavaScript, and Nunjucks to template out a responsive website with blog features that are accessible through a Content Management System.

Colorify: Published a Chrome extension in JavaScript to scrape the HTML of every visited site for words which match css-named colors, changing the hue of these matches to their color.

Unwaitlist.io: Used Node.js with an Azure serverless function to scrape a university database, notified students when their class of interest had registration availability. Twilio and Gmail API notified students, the Google Sheets API runs the backend, and students could submit tracking requests by a form in the Nuxt.js PWA.

BIPOC Businesses: Templated out HTML in a Nuxt.js app using Nunjucks and styled with CSS and the Vue Bootstrap library, aggregated local information by converting excel data to YAML.

Cards Against Covid: Written in JavaScript, wrote extensive integration with Firestore's serverless database to listen for live changes in the database. Used CSS and HTML to build app states.

Gotta Get That Gram: Written in JavaScript, used an Azure function to scrape LG.com to check stock availability of their newest laptop.

Trek The NEK: Wireframed in Adobe XD, followed UX guidelines to write a site using JavaScript, HTML, and CSS.

WORK EXPERIENCE

Researcher – Tufts University June 2021 – Jan 2022
- Used JavaScript to code organizing impact calculator. Viewed 277 times according to Google Analytics.
- Published research disaggregating sex-by-gender voting rates.

VOLUNTEER EXPERIENCE

Director – UVM Votes Aug 2019 – Jan 2022
- Grew team to 87 by wireframing advertising assets.
- Gained approval of third parties by using Adobe XD and Canva to design assets for a pitch deck.

Director of Civic Education – EVC National May 2021 – May 2022
Served as a voter data specialist to support 69 campuses.