

JAMES MITOFSKY

Frontend Engineer



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 [/JamesMitofsky](https://github.com/JamesMitofsky)

SKILLS

- React & Next.js
- TypeScript
- CSS & SCSS
- Material UI for React
- REST APIs
- Git

EDUCATION

Courses *Spring 2022– Present*

Dan Abramov: *Just JavaScript*

Bob Ziroll: *React*

Reading *Summer 2022*

The Design of Everyday Things

University of Vermont *2018–Present*

Computer Science

Political Science

Université de Caen *2022–Present*

French Studies Diploma (DUEF)

LANGUAGES

- English (Native)
- French (B1)

INTERESTS

- Acoustic guitar & piano
- Rock climbing
- Skiing / Snowboarding

DEVELOPMENT PROJECTS

Oct 2018 – Present

[Moho Login Authentication](#)

React, Next.js, Material UI, Cloud Firestore, & Firebase Auth

Increased security & simplified resident experience by digitizing credentials; access is verified by the server.

[Homeowners Vote](#)

React, Material UI, REST API

Streamlined the voting process for U.S. homeowners associations by making it easy to cast weighted votes.

[La Carte Gourmande](#)

Eleventy.js, SCSS, Nunjucks

Increased restaurant traffic by retooling a physical map into an interactive app; supported in English, Spanish, & French.

[UVM Votes](#)

Eleventy.js, CSS, Nunjucks

Increased the voter turnout rate at the University of Vermont by trafficking 9,435 visits to a voter registration site.

[Unwaitlist.io](#)

Nuxt, Azure Functions, Google Sheets API, Gmail API, Twilio API

Solved course registration problem at the University of Vermont by automating immediate notification to students when their desired courses became available.

[BIPOC Businesses](#)

Nuxt, Vuetify, Nunjucks

Increased visibility of businesses with a marketplace website; a custom CMS let owners update their content.

[Cards Against Covid](#)

JavaScript, CSS, Firestore

Increased playing styles in a reimagined version of "Cards Against Humanity" by supporting custom word-banks.

WORK EXPERIENCE

Researcher | Tufts University

June 2021 – Jan 2022

- Developed a JavaScript app to calculate diminishing returns for activists working to increase voter turnout.
- Published research disaggregating voting rates.

VOLUNTEER EXPERIENCE

Director | UVM Votes

Aug 2019 – Jan 2022

Worked with administrators to increase university voting rate.

Director of Education | EVC National

May 2021 – May 2022

National board member as a voter specialist for 69 campuses.