

# Tyler Machado

front-end development / design / data visualization

Boston, MA  
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## ALLEY REMOTE

User Experience Developer II, March 2021-present

- engineering interactive front-end elements using modern JavaScript frameworks and CSS concepts/preprocessors
- building custom WordPress blocks tailored to client needs
- working in a fully remote, Scrum team environment, using Git and Jira workflows to collaborate with colleagues and clients

## NORTHEASTERN UNIVERSITY BOSTON, MA

Front-end and Data Developer, April 2019-March 2021

- produced data visualizations and custom digital experiences for news stories, working with both university research and public datasets
- designed and built the university's public-facing COVID-19 testing dashboard
- built project library using Svelte and D3 to streamline development, deployment, and branding

## INSTITUTE FOR NONPROFIT NEWS REMOTE

Front-end Developer/Designer, February 2018-April 2019

- designed and built WordPress websites for nonprofit news organizations
- created wireframes, prototypes and design systems to guide project decisions and communicate concepts to collaborators
- updated organization branding guidelines and assets for print and digital

## HARVARD BUSINESS REVIEW BRIGHTON, MA

Editorial Developer and Producer, March 2014-January 2018

- created interactive tools, data visualizations, and new digital experiences based on new research and archive content
- collaborated with colleagues across design, tech and editorial departments while self-directing projects
- built and maintained chatbots on Slack and Facebook

## SEVEN DAYS BURLINGTON, VT

Digital Media Manager, August 2012-March 2014

Deputy Web Editor, June 2010-August 2012

- created WordPress websites for media brands and special events
- designed, curated and managed production of six email newsletters
- enhanced articles for digital presentation with layouts and embedded media
- directed newsroom initiatives on analytics, content strategy and social media

## SKILLS

- JavaScript, TypeScript
- React, Svelte, D3, Node
- HTML/CSS, SCSS, LESS
- GitHub, Git-based workflows
- WordPress, block themes, REST API
- Figma, Adobe CC
- Python

## FREELANCE WORK

### Science News

Interactive standard model of particle physics, 2021

### Journalist's Resource

Census funding maps, 2020

### New England Revolution

Matchday poster, 2016

## AWARDS

**Crisis Management (News@ Northeastern COVID-19 site)**  
PRNews Digital Awards, 2020

### Best Consumer Tool

Folio: Digital Awards, 2016

### Honorable Mention

Hack VT, 2012

## EDUCATION

**Graduate Certificate,  
Data Science**

Harvard Extension School,  
2018

### B.A., Journalism

Minor, Studio Art  
Saint Michael's College, 2010