

# Tyler Machado

data

design

development

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he/him/his

## NORTHEASTERN UNIVERSITY

BOSTON, MA

Front-end and Data Developer

April 2019-present

- produced data visualizations and custom digital experiences for news stories, working with both university research and public datasets
- designed, built and maintained the university's public-facing coronavirus testing data dashboard
- built Svelte-based project templates to simplify development and deployment, plus improve visual style consistency

## JOURNALIST'S RESOURCE

CAMBRIDGE, MA

Developer, Counting for Dollars project January 2020-March 2020

- built interactive, sharable graphics and maps on Census and federal funding data, using a template built with React, Mapbox and D3.js
- evaluated options for readers to embed graphics and download data

## 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 visual systems to guide project decisions and communicate concepts to collaborators
- updated organization branding guidelines and assets for print and digital

## HARVARD BUSINESS REVIEW

BOSTON, MA

Editorial Developer

March 2014-January 2018

- created interactive tools, data visualizations, and new digital storytelling experiences on HBR.org
- collaborated with colleagues across design, tech and editorial departments while self-directing projects
- built and maintained messaging bots 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 sub-brands and special events
- designed, curated and managed production of six email newsletters
- enhanced news articles for digital presentation with special layouts, embedded media and photography
- developed and implemented new digital strategies in the newsroom

## SKILLS

JavaScript, Svelte, React, D3, Node  
HTML/CSS, LESS, SCSS  
GitHub, Git-based workflows  
WordPress  
Adobe Creative Cloud  
R, RStudio  
Python

## EDUCATION

**Graduate Certificate,  
Data Science**

Harvard Extension School, 2018

**B.A., Journalism**

Minor, Studio Art  
Saint Michael's College, 2010

## AWARDS

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

**Best Consumer Tool**

Folio: Digital Awards, 2016

**Honorable Mention**

Hack VT, 2012

**Next Generation Scholarship**

Association of Alternative  
Newsweeklies, 2012

## VOLUNTEER WORK

**Boston Hassle**

Website Manager, 2015-2016

**Code for BTV**

Volunteer, 2013-2014

**Girl Develop It BTV**

Teacher's assistant,  
2013-2014