Tyler Machado

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EXPERTISE

Front-end development: JavaScript, React, Svelte, jQuery, HTML/CSS, SCSS, Flexbox, CSS grid
Block-based WordPress development: REST API, Block API, block editor, theme.json
Data scraping, cleaning, and visualization: D3, Observable, Highcharts, Python
Graphics software: Figma, Sketch, Adobe XD, Photoshop

WORK HISTORY

Alley (remote)

User Experience Developer II, March 2021 - present

• Building bespoke blocks, templates, and patterns for modern enterprise WordPress sites
• Leveraging WordPress's REST and Block APIs using HTML/CSS, JavaScript/React, and PHP
• Designing and implementing in-editor interfaces to improve creator/producer UX
• Prototyping and building static and interactive chart designs for dataviz projects
• Contributing to company-wide shared component libraries
• Working in a remote Agile environment with teammates and stakeholders, using Git and Jira

Northeastern University (Boston, MA)

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

• Produced data visualizations, interactive maps, and custom presentations for news stories
• 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, maintained, and built WordPress websites for nonprofit news organizations
• Created wireframes, prototypes and design systems to guide UI/UX decisions, in collaboration with partner organizations and clients
• Updated internal branding guidelines and assets, for both print and digital uses

Harvard Business Review (Brighton, MA)

Editorial Developer and Producer, March 2014 - January 2018

• Designed and built web-native tools and data visualizations based on new and archive content
• Managed new processes to bridge design, tech, and editorial desks
• Built and maintained Node-based 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
• Revamped layout designs and managed daily production for six email newsletters
• Directed newsroom initiatives on analytics, content strategy and social media

FREELANCE WORK

Science News: Interactive standard model of particle physics, 2021
Journalist's Resource: Census funding maps, 2020
New England Revolution: Matchday poster, 2016

TALKS

"Boosting Careers Without the Ladder," SRCCON:WORK, 2017
"Free, Easy Web Tools for Dataviz," Boston University Storytelling With Data, 2016
"Responsive Design and Dataviz," CASCADE BOS, 2016
"Big Ambition, Small Staff: How the F* Do I Prioritize?"** SRCCON, 2015

AWARDS

Crisis Management (News@ Northeastern COVID-19 site), PRNews Digital Awards, 2020
Best Consumer Tool (HBR Meeting Cost Calculator), Folio Digital Awards, 2016
Honorable Mention, Hack VT, 2012

EDUCATION

Graduate Certificate, Data Science , Harvard Extension School, 2018
B.A., Journalism and Mass Communication, Saint Michael's College, 2010