

Tyler Caldwell

99 W Wyoming Ave Apartment 6, Melrose MA 02176 | (508) 208-2545 | [tylercaldwell217@gmail.com](mailto:tylercaldwell217@gmail.com)  
github.com/tylercaldwell | tylercaldwell.com | linkedin.com/in/tbcaldwell

## EXPERIENCE

*Software Engineer III (Full-Stack) - Storefront Engineering | Wayfair | August 2018 - Present*

- Manage 5 direct reports across SEO Engineering & SEO Automation and Testing teams
- Maintain core SEO features across multiple sites
- Advocate for site structure that makes sense for SEO
- Build features for link building
- Build tools for SEO business analysts
- Build tools and gather data driving SEO knowledge-discovery and business intelligence
- Aggregate data from third party APIs and internal data sources to drive SEO logic with data

*Software Engineer II (Full-Stack) - Storefront Engineering | Wayfair | September 2017 - August 2018*

- Managed SEO Automation and Testing team
- Built automated SEO A/B testing platform, transforming manual engineering process to business self-service
- Built scalable crawler to regularly gather internal link data and other pertinent SEO data
- Regularly conduct code reviews, continue to define and improve team code review process
- Regularly interview candidates for entry and mid level full-stack engineering roles

*Software Engineer I (Full-Stack) - Storefront Engineering | Wayfair | June 2016 - September 2017*

- Led project building new CMS and frontend from scratch for content articles
- Rewrote primary SEO CMS used daily by SEO business analysts
- Improved the structure of URLs across all browse pages, increasing #1 rankings 22% and visibility 8%
- Built and maintained tools to allow SEO analysts to improve the SEO content of pages across multiple sites
- Created storefront features to attract external links
- Mentored college intern who returned for full-time role
- Served as lead mentor for a team of 20+ new hires for a month of training
- Mentored new hires placed on the SEO engineering team
- Completed management learning and development curriculum

## SKILLS

*Programming & Development*

PHP, React, Node, Backbone, SQL (SQL Server, Postgres, MySQL), Mustache/Handlebars, SASS/CSS, Java, Python, R

*Other Technical*

Git, Unix, Wearable Sensor Applications

## EDUCATION

*Boston University | May 2019 | GPA: 3.83*

- M.S. Software Development

*University of Massachusetts, Amherst: Commonwealth Honors College | May 2016 | GPA: 3.8*

- B.A. Computer Science, B.A. Economics, Political Science Minor
- Dean's List 8/8 semesters
- Commonwealth honors scholar with greatest distinction

## ACADEMICS

*REU | Machine Learning for Mobile Health and Wellness | May 2015 - May 2016*

- Utilized machine learning methods to detect the use of alcohol through streaming sensor data from a smart watch to a smart phone, culminating in an undergraduate honors thesis project