

Tyler Caldwell

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EXPERIENCE

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

- Manager of SEO Automation and Testing team
- 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

- 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

Intern | Systems Analysis | Fidelity Investments | May 2015 - August 2015

- Developed problem management techniques for estimating the cost of IT service incidents
- Collaborated on an AngularJS frontend for document-sharing application in the Fidelity Global Hackathon
- Created a slide deck on IT service management used by management at a national conference

Intern | Trade Processing | State Street | September 2014 - January 2015

- Processed domestic trades, specialized in investigating and revising failed trades

Intern | Global Income & Tax (Asset Servicing) | Bank of New York Mellon | May 2014 - August 2014

- Processed tax reclaims and income events pertaining to Danish securities for international clients

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: 3.77

- 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