

# Aaron Vale

Software Engineer

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Github: <https://github.com/Aaron-Vale> • Portfolio: <https://aaron-vale.github.io/>

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## Technical Skills

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HTML5 | CSS3 | SASS | JavaScript | CreateJS | React | Redux | TypeScript | Angular 2+ | Docker | Jenkins | Webpack |  
NodeJS | ExpressJS | WordPress | Drupal | Bolt CMS | Bash | MySQL | MongoDB

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## Experience

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### Curriculum Associates (Full-Time Contract Through F1V, LLC)

July 2018 - Present

*Software Engineer II, Billerica, MA*

Developed and shipped over 30 interactive HTML5 math lessons for grades K-5 as part of an integrated, iterative development team

- Responsible for architecting and delivering a 'toolbox', which offers students a series of interactive 'tools' to help them visualize, model, and solve word problems
- Created a system of 'walkthroughs', which take students through a problem one step at a time if they're struggling. Developed over 15 unique walkthroughs, each of which model different problem types

### F1V, LLC

Mar-July 2018

*Web Developer, Waltham, MA*

Wrote both client and server code for a variety of different clients— tasks included:

- Built static front-end for a national foundation's website from a series of wireframes
- Created an admin panel on a investment resources website (JS), built out and connected a custom Java controller on the server, to help client schedule the timing of web-scraping jobs

### MIT JTL Urban Mobility Lab

2017-2018

*Web Designer, Cambridge, MA*

Maintained and improved UI for [mobility.mit.edu](http://mobility.mit.edu), a Drupal research website for MIT Professor Jinhua Zhao

### DataScience30

2017

*Contract Web Developer, Cambridge, MA*

Built components using TypeScript and Angular 4 for interactive educational data science platform

### General Assembly

Aug-Nov 2017

*Web Development Immersive, Boston, MA*

Completed 600+ hour, 12 week web development immersive training, developed 4 full stack web applications

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## Featured Projects

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### Hello Baseball

GitHub Repository: <https://bit.ly/2JCoBb2>

- 2019 Boston Baseball Hack Day 3rd place project
- Google Assistant voice app interface combined with a web application that scrapes data from [baseball-reference.com](http://baseball-reference.com) in order to quickly provide the score and statistics from any completed baseball game since 1876

### Six Degrees of Kevin Youkilis

Live Demo: <https://bit.ly/2Ga8bWw>

- 2018 Boston Baseball Hack Day runner up project
- Enter two baseball players from any era to see how they can be connected through common teammates
- Utilizes an implementation of Dijkstra's algorithm and a large baseball database to quickly determine the shortest path

### Fearless Kitty Rescue

- Revamped [fearlesskittyrescue.org](http://fearlesskittyrescue.org), migrating site from Squarespace to Wordpress, improved layout and UX
  - Built front-end web application with customizable search function for users to view images and descriptions of Fearless Kitty Rescue's adoptable cats
  - Integrated adopt page with Petfinder API, eliminating redundant data entry tasks for cat shelter volunteers
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## Education

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### Brown University

2011-2016

Masters of Public Affairs, May 2016

B.A. International Relations, May 2015 (Magna Cum Laude, Phi Beta Kappa, 4.0/4.0 GPA)