

James B. Collins

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Education University of Maryland, College Park, MD
B.S., Computer Science May, 2016

Work Experience **Software Engineer** Spring 2018–Present
Fireside

Engineer for a product suite servicing the technology needs of congressional offices.

- Developed tools used by congressional staffers to communicate with constituents
- Implemented and documented a significant portion of a major product redesign
- Researched and architected a way to geographically visualize and selectively correspond with constituents

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Software Developer Summer 2014–Spring 2018
Center for Advanced Transportation Technologies Lab

Primary developer for websites and services used by many state Departments of Transportation to monitor road networks.

- Supervised and trained small teams of college students
- Developed and maintained components and systems for existing products
- Built new websites from the ground up through all stages including design, development, deployment and support
- Upgraded internal legacy Flash applications to meet modern web standards

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Technology Chair Summer 2014–Spring 2015
Terp Thon

Executive board member for the largest student-run philanthropy in Maryland.

- Led a small team of developers to modernize much of the organization's online infrastructure, including the web site, registration tools, and databases
- Responsible for all repository and database administration
- Served on the Terp Thon executive board, helping lead to the best fund raising year in its history