

Stephen Thompson

Location: Chicago, IL 60647

Portfolio: <https://sgthompson.herokuapp.com>

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GitHub: github.com/SThompsonChicago **LinkedIn:** [linkedin.com/in/drsgthompson](https://www.linkedin.com/in/drsgthompson)

Summary	Full-stack web developer living in Chicago. PhD in applied mathematics. Over five years experience teaching mathematics, and three years experience writing code. Recently finished the full stack boot camp at Northwestern University.	
Technical skills	The MERN stack, MVC design, JavaScript, Node, Express, React, MySQL, Handlebars, AJAX, Git, HTML, CSS, jQuery, MongoDB, NoSQL, Visual Studio, Bulma, Bootstrap, SQL, GraphQL, C and MATLAB.	
Soft skills	Patient, innovative, and able to see the big picture.	
Projects	<p><i>Epidemic Simulator</i></p> <p>Single-page web application created with React. Takes in user inputs, solves a system of 400 nonlinear differential equations, and displays the results as an animation in real time as the equations are being solved.</p> <p>Link: https://sthompsonchicago.github.io/pandemic-simulator/ GitHub repo: https://github.com/SThompsonChicago/pandemic-simulator/</p> <p>More projects: https://sgthompson.herokuapp.com/portfolio</p>	
Professional Experience	<i>Instructor, Mathematics</i>	2015-2021
	University of Maryland, Baltimore County (Baltimore, Maryland) Stimulated student understanding of partial differential equations and much more.	
	<i>High School Teacher</i>	2019-2020
	Baltimore City Public Schools (Baltimore, Maryland) Built student confidence and knowledge to solve complex algebraic problems.	
	<i>Affiliate Faculty</i>	2017-2019
	Loyola University, Maryland (Baltimore, Maryland) Drove students to deeply engage with the theory of calculus.	
Education	<p><i>Certificate, Full-Stack Web Development</i> Northwestern University, 2021</p> <p><i>Doctor of Philosophy, Applied Mathematics</i> University of Maryland, Baltimore County (UMBC), 2013</p>	