

Shelby Wilson

(b. 1985)



Shelby Wilson had NASA internships (2003, 2004) and completed BS degrees in mathematics and computer science at Spelman College (2006). She earned a PhD in applied mathematics from the University of Maryland, College Park (2012) followed by a postdoc at INRIA (2012–2013). After earning tenure in the mathematics department at Morehouse College, Wilson moved to The Johns Hopkins University Applied Physics Laboratory.

Wilson's research interests include modeling biological systems using parameter estimation, dynamical systems, network theory, machine learning, and data science. Wilson is co-founder of the website *Mathematically Gifted and Black*. She is co-founder and a board member of CodeHouse, which works to narrow the diversity gap in industry.

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