# Autobiography

## Samantha Hampton

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## 1 Background

I received my BS in Mathematics and BA in Computer Science from University of Arkansas. I concentrated in applied math and took Numerical Analysis, Numerical Linear Algebra, Advanced Calculus I & II, Ordinary Differential Equations, Partial Differential Equations, Design and Analysis of Algorithms, and Concurrent Computing.

The programming languages I am most comfortable with are C++, Java, and Matlab. I also have experience with JavaScript, HTML/PHP, and I have limited experience with mySQL.

## 2 Current Interests and Future Goals

I am currently focusing on taking statistics courses and optimization courses. At Ohio University I have taken or am currently taking Calculus of Variations and Optimal Control, Theory of Statistics, Introduction to Algorithms, Computational Statistics, Applied Statistics, Linear Models, and Discrete Modeling and Optimization.

I hope to work in industry when I graduate in a job that combines mathematics and computer science. I am currently applying to internships for the summer, particularly analyst and actuarial positions.

## 3 Why I am participating

I am participating because I want to gain research experience and this project matches my academic interests. I am hoping that this project will be an opportunity for me to combine mathematics with computer science.

## 4 Learning Style

On the VARK I received 5 for visual, 5 for aural, 13 for read/write and 7 for kinesthetic. I agree with these test results that I have a preference for read/write learning style.