Lauren Shriver

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Top of Form

Bottom of Form

# Summary

I am a seasoned graduate student with over five years of experience as a research assistant. I bring with me a genuine enthusiasm and versatile scientific background that is well-tuned for success in data analytics. I have developed a particular interest in data science and am eager to see what this program has to offer soon regarding machine learning.

# Skills

Neuroscience

Graph theory

Stochastic modeling

Spacetime algebra

MATLAB

# Educational History

## MASTER OF SCIENCE | The College of William and Mary

Department: Applied Science

Concentration: Computational biology

## BACHELOR OF SCIENCE | Christopher Newport University

Major 1: Neuroscience

Major 2: Psychology

Minor: Chemistry

# Professional History

Personal Tutor (Aug 2013 - present)

* Four undergraduate students in trigonometry, pre-algebra, statics, probability/statistics, psychology, and neuroscience
* One high schooler in pre-calculus, economics, and chemistry
* One middle schooler in geometry

[Computational Biology Laboratory Research Assistant](HTTPS://WWW.WM.EDU/AS/APPLIEDSCIENCE/INDEX.PHP) (Jan 2016 - Dec 2016)

* Prepared and presented two professional PowerPoints for graduate research advisor at William and Mary
* Derived a system of coupled ODEs describing receptor allostery as a Markov process
* Used MATLAB to validate *in silico* whether derived ODEs agreed with theoretical predictions made in literature

Memory & Cognition Lab Research Leader (Aug 2014 - May 2015)

* Lead a research group of four undergraduates for research advisor.
* Prepared and presented six conference posters.

Memory & Cognition Lab Research Assistant (Aug 2011 - May 2014)

* Helped prepare and distribute research surveys
* Entered survey results into SPSS
* Prepared and presented two PowerPoints
* Prepared and presented two conference posters

CNU Housing Maintenance (May 2013 - Jul 2013)

* Used Microsoft Excel to create and manage inventory logs
* Made minor dorm room repairs and recorded inventory for excel spreadsheet
* Categorized and organized files for supervisor
* Sorted mail

# Certifications

freeCodeCamp

* MATLAB fundamentals

freeCodeCamp

* Responsive Web Design
* JavaScript Algorithms and Data Structures