

# KYLE MONETTE

**Email:** kylemonette309@gmail.com

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## EDUCATION

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**M.S. Mathematics**, 2024, University of Rhode Island, Kingston, RI

**B.S. Mathematics**, 2022, Clarkson University, Potsdam, NY  
With distinction

## EXPERIENCE

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### **Graduate Teaching Assistant**

University of Rhode Island, Department of Mathematics

**August 2022 - present**

### **Teaching Assistant**

Williams College, Department of Mathematics

**February 2022 - May 2022**

### **Undergraduate Teaching Assistant**

Clarkson University, Department of Mathematics

**August 2020 - December 2021**

## COURSES TAUGHT

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### **University of Rhode Island:**

Served as instructor for the following courses. Responsibilities included lecturing, grading, assisting students, and creating material.

- MTH103 Applied Precalculus
  - Fall 2022 (45 students)
  - Spring 2023 (42 students)
  - Fall 2023 (45 students)

Additional Course Involvement:

- MTH101 Intermediate Algebra recitations
  - Fall 2022 (15 students)
  - Spring 2023 (15 students)

### **Williams College:**

Hosted office hours and graded assignments during the Spring 2022 semester for MATH307 Computational Linear Algebra.

### **Clarkson University:**

Lead recitations and graded homework for the following courses.

- MA231 Calculus III
  - Fall 2020 (59 students)
  - Fall 2021 (37 students)
- MA232 Ordinary Differential Equations
  - Spring 2021 (23 students)
  - Fall 2021 (24 students)

## SERVICE AND ACTIVITIES

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### Transitioning Homework Software

Summer 2023

Migrated homework assignments for two undergraduate courses from WebWork to Edfinity, and assisted faculty in creating supplementary assignments, videos, and software instructions.

### Helpdesk Assistance

Spring 2023

Served as administrator on WebWork courses to assist students and faculty with tasks such as changing assignment data, resetting passwords, and general site maintenance.

## PRESENTATIONS

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### *Secret Sharing Schemes*

Clarkson University, CS556 Course

May 2022

### *The Double Pendulum: Lagrangian Mechanics and Chaos*

Mathematics Conference and Competition of Northern New York (MCCNNY)

March 2022

## AWARDS AND HONORS

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R. Gerald Bradshaw Award for Mathematics

2021

President's List, Clarkson University

2021, 2020, 2018

Dean's List, Clarkson University

2020, 2019

## TECHNICAL SKILLS

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Maple, MATLAB, WeBWorK, Edfinity, Moodle, Canvas, Brightspace, WordPress,  $\text{\LaTeX}$ ,  
Microsoft Office, Mac-OS

## PROFESSIONAL AFFILIATIONS

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American Mathematical Society (AMS)

Mathematical Association of America (MAA)