

# Everett Sullivan

## Curriculum Vitae

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Email: [everetts@vt.edu](mailto:everetts@vt.edu)  
GitHub: <https://github.com/ensullivan>

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### ACADEMIC APPOINTMENTS

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#### Virginia Tech, Blacksburg, Virginia

Lecturer

August 2019 - Present

#### Lewis & Clark College, Portland, Oregon

Visiting Assistant Professor of Mathematics

September 2017 - August 2019

### EDUCATION

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#### Dartmouth College, Hanover, New Hampshire

Ph.D, Mathematics

June 2017

Adviser: Peter Doyle

Dissertation: Linear Chord Diagrams with Long Chords

Masters Degree, Mathematics

June 2014

#### Seattle University, Seattle, Washington

Bachelor of Science, Mathematics

June 2012

Bachelor of Science, Computer Science

June 2012

### WORKSHOPS

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The Academy of Inquiry Based Learning (AIBL) 2019 General Workshop

June 25-28, 2019

### TEACHING EXPERIENCE

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#### Lecturer, *Virginia Tech*

Wrote and graded homework, quizzes, and exams.

Math 1225: Calculus I (x3)

Fall 2019

**Instructor, *Lewis & Clark College***

Designed syllabi and daily lectures. Wrote and graded homework, quizzes, and exams.  
Fully responsible for course content and material.

Math 103: Perspectives in Mathematics	Spring 2019
Math 215: Discrete Mathematics	Spring 2019
Math 103: Perspectives in Mathematics	Fall 2018
Math 131: Calculus I	Fall 2018
Math 355: Geometry	Fall 2018
Math 103: Perspectives in Mathematics	Summer 2018
Math 215: Discrete Mathematics	Spring 2018
Math 225: Linear Algebra	Spring 2018
Math 325: Combinatorics	Spring 2018
Math 215: Discrete Mathematics	Fall 2017
Math 103: Perspectives in Mathematics	Fall 2017

**Instructor, *Dartmouth College***

Designed syllabi and daily lectures. Wrote and graded homework, quizzes, and exams.  
Fully responsible for course content and material.

Math 1: Calculus with Algebra	Fall 2016
Math 8: Calculus of Functions of One and Several Variables	Winter 2016
Math 2: Calculus with Algebra and Trigonometry	Winter 2015

**Teaching Assistant, *Dartmouth College***

Held tutorial sessions three times per week. Graded exams.

Math 8: Calculus of Functions of One and Several Variables	Spring 2014
Math 13: Calculus of Vector-Valued Functions	Fall 2013

**High School Outreach, *Hanover, NH***

Exploring Mathematics Workshop: Graph Theory	July 14-18, 2014
Exploring Mathematics Workshop: Groups	July 28-August 1, 2014

**Tutoring, *Seattle University***

Tutor for the Computer Science Department	September 2010 – June 2012
Tutor for the Mathematics Department	September 2009 – June 2012

## PRESENTATIONS

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*Systems of Linear Recurrences with Non-Constant Coefficients*

JMM, Baltimore	January 16-19, 2019
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*Linear Chord Diagrams with Long Chords*

Willamette University	March 18, 2018
Brandeis University	March 21, 2017
Summer Combo in Vermont, Saint Michael's College	July 12, 2016
Permutation Patterns 2016, Howard University	June 27 - July 1, 2016

*The Three Point Ellipse*

Graduate Student Seminar, Dartmouth College	October 2012
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## PUBLICATIONS

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- [1] E. Sullivan. Linear chord diagrams with long chords. *The Electronic Journal of Combinatorics*, 24(4), 2017.

## AWARDS & HONORS

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### Dartmouth College

Dartmouth College Graduate Fellowship  
Outstanding Graduate Student Teacher

September 2012 — June 2017  
April 13, 2016

## ADDITIONAL SKILLS

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C/C++, Java,  $\text{\LaTeX}$ , Python