

# Eric Allatta | Math and CS Teacher

49 N Decter Dr – Kerhonkson, NY 12446

\* August 31, 1981 • 📞 (929) 244-0482 • ✉ ericallatta@gmail.com  
🌐 mrallatta.github.io/teaching-portfolio • in eric-allatta • 📺 MrAllatta

*“When we try to pick out anything by itself, we find it hitched to everything else in the universe.” – John Muir*

## Summary

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Experienced mathematics and computer science educator with over a decade in NYC public schools. Passionate about integrating computing into math education to build students' problem-solving skills. Committed to fostering an inclusive, collaborative, and reflective classroom where students develop fluency in computational and mathematical thinking. Skilled in curriculum design, data management, and teacher training.

## Certifications

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*New York State 7-12 Mathematics Professional Certification*

*Pursuing New York State K-12 Computer Science Certification*

## Experience

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### NYCDOE, Academy for Software Engineering

**New York, NY**

*Mathematics & Computer Science Teacher*

*2012–2021*

- Taught CC Algebra, AP CS Principles, Introduction to CS, Data Science
- Designed and implemented integrated mathematics, computer science, and data science curricula, leading to increased student engagement and improved computational thinking skills.
- Developed school-wide data systems that streamlined student performance tracking, improving instructional decision-making and intervention strategies.
- Piloted and evaluated cutting-edge computing curricula in diverse high school classrooms.

### Bootstrap

**New York, NY**

*Lead Master Teacher*

*2014–Present*

- Trained multiple cohorts of teachers in integrated computing curricula for Algebra, Data Science, and Physics.
- Provided curriculum development feedback, pilot testing, and live coaching for educators.

### CollegeBoard

**New York, NY**

*Pilot Teacher & Training Consultant*

*2013–2021*

- Designed and implemented curriculum aligned with the AP CS Principles framework.
- Led CS Principles training sessions for AP Summer Institutes.

### Math for America

**New York, NY**

*Master Teacher Fellow*

*2012–2021*

- Designed and led computing and data science workshops for NYC educators.

### Self-Employed

**Santa Fe, NM**

*Data Management Consultant*

*2021–Present*

- Developed automated data management systems for small businesses in agriculture, education, and woodworking industries.

## Education

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### Hunter College, City University of New York

**New York, NY**

*Master's in Urban Adolescent Mathematics Education*

*2011–2012*

### St. John's College

**Santa Fe, NM**

*Bachelor of Arts in the Liberal Arts*

*2003–2007*