

# Nathaniel J. Rodriguez

## Contact

njr@nathanielrodriguez.me  
+1-(908)-822-3822  
East Brunswick, New Jersey

I am a skilled, creative, and accomplished young professional with formal training in mathematics and extensive experience designing and writing web-based software. With years of experience in academia, I have the skills and ability to work proficiently, efficiently, and collaboratively to ensure that projects meet their deadlines and exceed expectations.

## Work Experience

### Graduate Teaching Assistant

George Mason University, August 2020-January 2021

As a graduate teaching assistant, I virtually taught two recitation courses in Calculus I. I designed problem sets and solution manuals weekly for the entire duration of the semester while also acting as the go-between for the instructor and my two undergraduate assistants. Despite also maintaining a full-time schedule as a graduate student, I never missed the deadline for creating the problem sets and solution manuals.

### Tutor

Monmouth University, September 2018-January 2020

I coordinated with other tutors to provide tutoring services in courses ranging from college algebra to integral calculus. As the top-performing tutor, I was able to help students in any course quickly and accurately. I was also the sole tutor responsible for tutoring students in discrete mathematics.

### Summer Instructor

St. Joseph's High School, July-August 2016

I successfully covered the entire AP Computer Science A syllabus within the allotted time as summer school instructor for St. Joseph's High School. This required a steady schedule of combined instruction and hands-on exercise with programming. In addition to the core concepts in the syllabus, we also discussed the basics of data structures and explored web design.

## Education

Monmouth University  
Bachelor of Science, Major in Mathematics, Minor in Physics, 2016-2020

Cumulative GPA: 3.96/4.0, Summa Cum Laude  
Received the Departmental Award for Outstanding Scholarship in Mathematics  
Participant in the 2017 Summer Research Program  
Participant in the 2018 Summer Scholars Program  
Graduate of the Honors School, with a Thesis entitled **Perfect Polygons**

# Nathaniel J. Rodriguez

## Skills

### Hard Skills

Web Design & Development

TypeScript

Git

Windows

Linux

### Soft Skills

Creativity

Adaptability

Organization

Communication

Willingness to learn

Teamwork & Independence

Time Management

## Links

<https://www.nathanielrodriguez.me>



<https://github.com/watermelonlesson>



<https://codepen.io/watermelonlesson>