

# 2019 HSRP Intern Search Dashboard

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2019v1.18

## Student Info

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**Name:** Daniel Potemkin  
**ID#:** 429  
**View Transcript:** [Click Here](#)

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**Address:** Shirley, NY 11967  
**DOB:** 03/23/2002  
**Age at Start:** 17  
**Phone:** 6312908972  
**E-mail:** DanPotemkin@gmail.com  
**Citizen:** yes | **PRA:**no  
**COB:**  
**Ethnicity:** -

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**Emergency contact:** Tatiana Potemkin  
**Phone:** 3478938015  
**Cell:** 3478938015  
**E-mail:** tpotema@gmail.com

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## School Info

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**School Name:** William Floyd High School  
**School Address:** 11951  
**District:** William Floyd School District  
**Superintendent Name:** Kevin Coster  
**Superintendent Email:** kcoster@wfsd.k12.ny.us

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## Student Academics

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**Grade:** 11th

**Weighted GPA:** 102.853  
**Unweighted GPA:** 94.6  
**Bio:** Living Environment  
**Physics:** AP Physics 1  
**Chem:** AP Chemistry  
**Sci:** Research  
**Math:** Honors Geometry, Honors Algebra 1 & 2, Honors Precalculus  
**Computer Science:** AP Computer Science A in Java, Python  
**Other:** Science Honor Society  
**Other BNL:** N/A

**ESSAY -  
Why would  
you like to  
participate:**

Science has always been the most intriguing subject in school for me. Learning about what makes up the reality we exist in is incredible. As I grew up, I realized that I wanted to help with the venture into the unknown. Reality is like a complex puzzle with many unknown pieces. It's up to us humans to figure out these pieces and put them in place. Physics, the science that defines reality, has always been the most intriguing subject to me. When I took my first physics class, I knew immediately that I wanted to pursue a career in the subject. Physics is incredibly satisfying to understand and work in. The strong connection between physics and mathematics makes the subject even more intriguing. With a better understanding of physics, society innovates technologically, allowing humanity to expand to the cosmos with an improved quality of life. Right now, society is leaping over great barriers with the latest innovations in renewable energy sources, space travel, and particle physics. Especially with how quickly information travels throughout the world, the 21st century is a golden age for physics research. I am inspired by the greats of the physics world, like Albert Einstein or Stephen Hawking, to continue where they left off in understanding the universe. Modern leaders like Elon Musk also push forward over great barriers, allowing the future to become the present. I would like to be part of the HSRP program to get first hand experience in how research is conducted at a lab to help get a better understanding with how the process works. No matter what science I would research in the HSRP program, I would still learn valuable skills in scientific inquiry as well as get a taste of the lab setting. It's these skills that are essential for a successful career in science. I truly desire to make an impact on the world and contribute to society in a pursuit of scientific research to understand what we currently don't understand. Gaining experience in physics research specifically can help me greatly with pursuing a career in science later by enabling myself to look at the world with the same lens as a physicist. A mentorship is incredibly beneficial and gives me the opportunity to be useful at a younger age. With a whole summer open, I would like to spend my time doing meaningful things like assisting a mentor in every way I can and learning the ropes of actual research. I will carry the knowledge I gain from the HSRP program along with me for the rest of my career as a foundation for things to come. I would be extremely grateful to be apart of such a program to be given a once in a lifetime opportunity to work at Brookhaven National Lab under a mentorship.

**Area of Interested 1:** Physics  
**Area of Interested 2:** Nuclear Science and Technology  
**Area of Interested 3:** Condensed Matter Physics & Materials Science

## Recommendation Request

Victoria Hernandez

Victoria.dambrosia@gmail.com

Send Reminder

Christopher Digiacomo

cdigiacomo@wfsd.k12.ny.us

Send Reminder

## Recommendation Letters

Recommendation from:

School/Organization:

Department:

Recommendation for: Daniel Potemkin ID# 429

	Below Avg.	Average	Good	Excellent	Unknown
Academic Motivation				✓	
Academic Creativity					✓
Academic Growth Potential				✓	
Leadership				✓	
Self-Confidence				✓	
Warmth of Personality				✓	
Sense of Humor			✓		
Concern for Others				✓	
Energy				✓	
Emotional Maturity				✓	
Personal Initiative				✓	
Reaction to Setback					✓
<b>Recommendation Matrix Grade:</b>					41/50

It is with great pleasure that I recommend Daniel Potemkin for admission into your program. I am a Physics teacher in the William Floyd School District and have had the pleasure of knowing Daniel since his senior year.

Daniel has always displayed a high degree of integrity, responsibility and ambition in my class. He is an intelligent and hardworking individual who has demonstrated this to me throughout the year. The coursework that Daniel has completed for me has always been of the highest quality and he generally scores well above his classmates on his AP Physics 1 unit exams. During my time working with Daniel he has demonstrated not only a mathematical understanding of Physics but a deep conceptual understanding as well.

In addition to his excellent scholastic accomplishments, Daniel has proven his leadership ability by effectively guiding his laboratory groups through many challenging inquiry based laboratory activities.

Daniel is one of the brightest students I have come across in my 11 years as an educator. He has a true desire to learn and would be an asset to your program. I am happy to give him my wholehearted endorsement. Please feel free to contact me if you have any questions.

Sincerely,  
 Christopher Di Giacomo  
 High School Physics Teacher  
 cdigiacomo@wfsd.k12.ny.us  
 631-874-1100

