

## Contact

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[jpvinnie.github.io](https://jpvinnie.github.io) (Personal)

## Top Skills

Mathematics

Theoretical Computer Science

Python (Programming Language)

## Honors-Awards

Regeneron International Science and Engineering Fair 2020 Finalist

Mu Alpha Theta Award

The Office Naval Research Science Award

VEX Robotics Latinamerican Championship

VEX Robotics Worlds International Sportsmanship Award

# Jan-Paul V. Ramos

MathΛCS @ Cornell '25 | Google CSSI '21 | UGHS '21  
United States

## Summary

A lot of programming/research done at: <https://github.com/jpVinnie>

## Experience

### Google

Incoming Google CSSI Scholar

June 2021 - Present (1 month)

Computer Science Summer Institute: Online (CSSI)'s mission is to provide a space for young, aspiring computer scientists to succeed by connecting incoming freshmen with like-minded peers and Google engineers in this four-week virtual program. At CSSI: Online, students will learn programming fundamentals directly from Google engineers, get an inside look at some of Google's most exciting technologies, and even design and develop their very own application with fellow participants that will be showcased to Googlers.

### University of Puerto Rico, Río Piedras

UPR Research Assistant

June 2020 - July 2020 (2 months)

Puerto Rico

Paid apprenticeship in which I learned about the applications of physics in electronics with doctoral physics students at the University of Puerto Rico, and through a virtual experience, developed several Arduino (microcontroller) projects and made a final report and own project demonstrating the functionality of an Arduino. Sponsored by AEOP and Rochester Institute of Technology.

### Cornell University College of Engineering

Catalyst Scholar

July 2019 - July 2019 (1 month)

Ithaca, New York, United States

Participated for a week in the Cornell Catalyst Summer Program, in which I worked in learning and developing a communication system that would transmit data through a speaker and could receive incoming data through a microphone, and processing that

data into the original sent information, while programming in MATLAB. In addition concepts in engineering such as computer science, engineering physics, chemical engineering, and a better understanding of STEM jobs in general.

University of Puerto Rico, Río Piedras

UPR Research Assistant

June 2019 - July 2019 (2 months)

Puerto Rico

Worked in the University of Puerto Rico for a total of six weeks in the physics department learning about applied physics in a mathematical and tangible sense, with lessons on classical mechanics and basic electronics, such as a tesla coil, in addition to computer modeling for the astrophysics research and physics in agriculture. Sponsored by AEOP.

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## Education

Cornell University

Bachelor's degree, Mathematics and Computer Science · (2021 - 2025)

Cornell University - College of Arts and Sciences

· (2021 - 2025)

University Gardens High School

High School Diploma · (2018 - 2021)

Polytechnic University of Puerto Rico

Dual Enrollment · (2020 - 2020)