

# Chase Goddard

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## Education

**Cornell University**, College of Arts and Sciences, Ithaca, NY  
Bachelor of Arts, Physics. Minors in Computer Science, Mathematics.  
Expected May 2019. GPA 3.71

**Rye Country Day School**, Rye, NY  
Graduated June 2015

## Work Experience

**Research Assistant, Cornell University.** Ithaca, NY. Fall 2016 - Present.

Working with Professor Carl Franck. Research is related to X-ray spectroscopy, with the ultimate goal being to develop technology to better understand quantum materials (e.g. superconductors).

**Intern, Boston Consulting Group, Bruce Henderson Institute.** New York, NY. Summer 2016.

Worked with PhD researchers in an internal think tank to build a database of financial and other data. Performed analyses on this data intended for publication in Harvard Business Review.

## Honors

Cornell University Dean's List, College of Arts and Sciences (Fall 2015, Fall 2016, Spring 2017)

Bronze Medal, University Physics Competition (Jan. 2017)

Rye Country Day Science Award (Spring 2015)

Rye Country Day Computer Science Award (Spring 2015)

Rensselaer Medal for Math and Science (Spring 2014)

## Selected Coursework

- Independent Study in Physics (PHYS 4490)
- Computational Physics (PHYS 4480)
- Basics of Quantum Mechanics (PHYS 3316)
- Applications of Quantum Mechanics (PHYS 3317)
- Advanced Electricity and Magnetism (PHYS 3327)
- Mathematical Physics I (AEP 4210)
- Honors Physics III: Waves and Thermal Physics (PHYS 2218)
- Honors Object Oriented Program Design and Data Structures (CS 2112)
- Computer Systems Organization and Programming (CS 3410)
- Data Structures and Functional Programming (CS 3110)

## Leadership

**Social Chair**, Cornell University Jazz Club

**Team Leader**, Rye Country Day School Young Physicists Tournament Team

**Skills:** Java, R, Python, C, Data Science, OCaml, JavaScript, HTML, CSS, Intermediate Mandarin Chinese.

**Activities:** Cornell Jazz Band (alto saxophone), Cornell Society for Physics Students, Physics Peer Mentor