

# Freya Ryd

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## EDUCATION

**Cornell University College of Arts and Sciences**, Ithaca, NY

August 2017 - Present

*Freshman at Cornell University, interested in majoring in Computer Science or Information Science*

*Anticipated graduation: May 2021*

**Ithaca High School**, Ithaca, NY

September 2013- June 2017

*Graduated with honors and advanced designation, AP Scholar with distinction*

## HONORS AND AWARDS

**Life Changing Labs Make-a-Thon 1st Place**

February 2016

**National TSA Student Gold Achievement Award**

June 2016

**Various Technology Student Association Competitive Event Awards at State and National Level**

2012-2017

**St. Bonaventure's Invitational Programming Competition 2nd Place**

March 2016

**Lockheed Martin CodeQuest Advanced Level 2nd Place**

April 2016

## ACTIVITIES AND LEADERSHIP

**Ithaca High School Technology Student Association**, Ithaca, NY

September 2013 – July 2017

- Worked on competitive events to be submitted at yearly state and national competitions
- Placed at national level (top 10) for Video Game Design, and Tech Bowl (tech trivia) in high school

**Sciencenter Bluecoat Volunteer**, Ithaca, NY

March 2017 – July 2017

- Museum guide, answered guest questions and maintained exhibits
- Focused on animal exhibits, showing the snake (Percy) and golden crested gecko (Prickles) to guests and talking to them about animals

**Predicting Counter Strike Global Offensive**

March 2017 – July 2017

### Tournaments

- Used various algorithms to analyze the results of thousands of professional video game tournaments
- Wrote Python scripts to read information from webpages, and then analyze said data
- Worked in a team with another high school student and a Cornell math PHD candidate

## SKILLS

### Computer Skills

- Programming: Java, Python
- Some front end web design experience
- Basic Excel functions

## COURSEWORK

**CS2112 - Object Oriented Design and Data Structures (Java)**

**INFO1300 - Intro Design and Programming for Web (Basic HTML, CSS, PHP, JQuery)**

**MATH1920 - Multivariable Calculus for Engineers**