

# Tristrum C. Tuttle

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## » Education

### University of Pennsylvania (2015 - 2019)

- Majoring in Computer Engineering, Member of the RIE residential program, co-founder of Penn Reach and Penn Bitcoin

### Fairview High School (2011-2015)

- Graduated Suma Cum Laude, 4.0 GPA, 2310 SATs, National Honor Society, AP Scholar with Distinction, National Merit Scholar
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## » Work Experience

### Moelis Access Science (2015-2016)

*Netter Center, Philadelphia, PA*

- o Developed curriculum and lesson plans every week
- o Taught computer science to a class of fourth grade students weekly

### Computer Camp Counselor (2015)

*YMCA, Youngstown, OH*

- o Developed curriculum to teach programming through Scratch by MIT
  - o Worked with several advanced python students to program arcade games
  - o Developed and led a wilderness survival class for 20-30 campers
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## » Projects

### FreeMed Sterilyzer

- Designed and 3D printed devices to sterilize medical utensils in third world countries
- Featured on multiple news networks and was a finalist in the PA Jobs 1<sup>st</sup> challenge

### PJAS Physics Research

- Conducted in PSU Behrend laboratories
- Projects included measuring resistivity and the atomic spectrum of noble gases

### Arduino-controlled Robotic Arm

- Used Processing (Java-based sketchbook) to enable computer controls and graphics
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## » Additional Skills

Python

SolidWorks

Java/Processing

Adobe Photoshop

HTML/CSS

Spanish (working)

Microsoft Office

Arduino

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## » Personal

### Debate

I qualified for Nationals twice in high school.

### Model UN

I started a MUN club in high school. I still serve on the Dias of a yearly conference in NYC.

### Sports

High School - First-team all district Soccer and Tennis player  
College - I am on both Penn Ping-Pong and Penn Running club.

### Hobbies

Yo-yo, wilderness survival, attending hackathons, philosophy