

# Tristrum C. Tuttle

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## Education

### University of Pennsylvania (2015 - 2019)

- Majoring in Computer Science, Member of the RIE residential program, co-founder of Penn Reach and Penn for Privacy

### 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 Teacher (2015-2016)

*Netter Center, Philadelphia, PA*

- o Develop curriculum and lesson plans for teaching computer science
- o Lead a computer science class of fourth-grade students weekly

### Computer Camp Counselor (2015)

*YMCA, Youngstown, OH*

- o Created a new curriculum guide to teach intro programming
  - o Taught the advanced python course and introduced new curriculum
  - o Created and led a daily wilderness survival class for 20-30 campers
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## Projects

### Penn Reach

- Founded a mentorship program that helps high school seniors through the college application process

### 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 at PSU Behrend laboratories
- Projects included measuring the resistivity of carbon and the atomic spectrum of noble gases

### Arduino-controlled Robotic Arm

- Used Processing (Java-based sketchbook) to enable computer controls and graphics on a robotic arm
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## Additional Skills

Python  
SolidWorks

Java/Processing  
Adobe Photoshop

HTML/CSS  
Arduino

Microsoft Office  
Ruby on Rails

Spanish

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## Personal

### Debate Model UN

Two-time national qualifier and club officer  
Started Fairview HS Model UN, currently a vice-president for a yearly MUN conference in NYC

### Sports

High School - First-Team All District Soccer and Tennis player  
College – Currently on Penn Ping-Pong and Penn Running club

### Hobbies

Yo-yo, wilderness survival, attending hackathons, chess