

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 Teach a weekly course in developmental programming

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

Hackathon Projects

- Won 'Best Use of Epic API' award at McGill Hacks

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 1st 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

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