

Education

ROCHESTER INSTITUTE OF TECHNOLOGY

Rochester, NY

- Physics B.S. with Electrical Engineering minor and Economics Immersion
- Awarded RIT Presidential Scholarship

Expected May 2018
Fall 2014-Present

Experience

ROCHESTER INSTITUTE OF TECHNOLOGY

Rochester, NY

*Research Assistant**May 2016-Present*

- Independently designing, constructing, and operating an experimental setup for testing the behavior of U-shaped granular materials.
- Prepared PowerPoint and presented findings to an audience of fellow researchers and interested parties.

*Teaching Assistant**January 2016-Present*

- College Physics I and II
- Grades course assignments, offers clarification and facilitates problem solving in workshop style setting, relates content from lecture to assignments, and monitors lab work and ensures student understanding.

*RIT Society of Physics Students**Fall 2014-Present***SPACE X**

Texas A&M University

*Hyperloop Systems Design Project**September 2015-Present*

- Constructing custom maintenance vehicle to monitor conditions of the Hyperloop test track rail.

*Hyperloop Pod Competition Design Weekend**January 29-31, 2016*

- Team was awarded the SpaceX Subsystem Special Innovation Award in the "Other Subsystem" category.
- Designs included a high-speed communications system and a sensor system to detect faults in the walls of the tube that could impede the motion of the pod.

GAMESTOP

Rochester, NY/Allentown, PA

*Store Associate, GameStop**April 2013-August 2015*

- Offered guest services, processed transactions, and maintained store cleanliness and order of products.

Skills

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- General computer troubleshooting and repair, including Linux
 - Microsoft Office
 - Some Python experience
 - Using tools and machines to repair and construct experimental setups and products.
 - Studied German Language

Fall 2009-Spring 2014

Interests

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- Computer assembly and service, aviation and aircraft, and magnetic technology.
 - Camping, cooking, traveling, and reading.

References available upon request