

Trevor Demille

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Experience

Goldner Biophysics Research Lab ~ July 2015 - Current

Data Analysis Intern

Amherst, MA

- Responsibilities include design, preparation and execution of experiments, working with a fluorimeter and dynamic light scattering machine, building data analysis applications in MATLAB/Python, and documentation
- Presenting research results at various conferences notably the Annual NES APS Meeting at Wheaton College MA and UMass Biophysics Slam.
- Research results in preparation for submission to Langmuir in anticipation of publication

Kmart & Skyzone Indoor Trampoline Park ~ October 2011 - June 2015

Electronics Sales Associate ; Court Monitor

Attleboro, MA ; East Providence, RI

- Responsibilities included leadership role ensuring customer safety, supervising children's trampoline-dodgeball games, and maintaining park attractions.
- Responsibilities included stocking inventory, providing technical assistance, networking display televisions, sales to interested customers, operating register

Education

University of Massachusetts Amherst

Dual Major: Physics & Astronomy ~ Graduating 2017

- Independently conducted real-time simulations of acoustic dynamics in 2-dimensional lattice structures with randomly generated vacancies
- MATLAB, Python, HTML, CSS and (basic) JavaScript
- GPA to date of 3.51
- Participating in Chess Club, Parkour Club, Japanese Combat Jui Jitsu, Super Smash Bros. Club, Baker House Council, and Astronomy Club

University of Massachusetts Dartmouth

Major: Astrophysics ~ No degree

- Attended two consecutive semesters before transferring
- Held an average GPA of 3.76
- Participated in Capoeira Club (Brazilian Martial Art)

LABO International Exchange Program

July 2012 - August 2012 (5 weeks)

- Lived in Kakamigahara, Japan as a cultural exchange student enhancing my Japanese language skills.

Seekonk High School

Diploma

- Recognized for independently researching, designing, and constructing a 500,000 volt Tesla coil in 2013.