

Trevor Demille - Curriculum Vitae

157 St. Laurent Parkway, Seekonk, MA 02771

Home: 508-761-9317 Cell: 774-219-8975

tdemille@umass.edu

Highlights

- Developed pragmatism and critical thinking skills
- Professional and academic leadership traits
- Well-rounded interests, achievements, and extracurricular activities
- Continuous and successful history of employment

Objectives

I mean to successfully earn my doctorate of science, and measurably add to my field's collective body of knowledge. I mean to actively participate in the design, construction, or development of some new technology, and carry on a successful career in the aerospace industry.

Experience / Work History

Skyzone Indoor Trampoline Park ~ April 2013 - June 2015 (27 months)

Court Monitor

East Providence, RI

- Responsibilities include ensuring customer safety through enforcement of facility rules, refereeing trampoline-dodgeball games, maintaining park attractions, vacuuming and mopping trampoline beds

Kmart/Sears Holdings ~ October 2011 - April 2013 (19 months)

Electronics Sales Associate

Attleboro, MA

- Responsibilities included accounting for and stocking new inventory, providing technical assistance for customers as well as fellow store departments, networking display televisions, pitching sales to interested customers, operating register, and cleaning

Seekonk Youth Group ~ 2007 - 2011 (month-count n/a)

Volunteer

Seekonk, MA

- Activities and projects included making wool blankets for donation to Sturdy Memorial Hospital, assisting at local food pantries, and facilitating community oriented fund raisers such as bake sales, children's Easter-egg hunts, and raffles

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Goldner Biophysics Research Lab ~ July 2015 - Still Currently Employed

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 overall lab maintenance.

Education

Seekonk High School

Diploma - Class of 2013

- Completed in four years with an average GPA of 3.2
- Played JV/Varsity Soccer all four years
- Played timpani, bass, snare, and marimba in regionally competing percussion ensemble, 'Mallet Maniacs'
- Recognized for independently researching, designing, and constructing a working 500,000 volt Tesla coil in 2013.

LABO International Exchange Program

July 2012 - August 2012 (5 weeks)

- Lived in Kakamigahara, Gifu (prefecture), Japan as a cultural exchange student
- I speak, read, and write basic Japanese

University of Massachusetts Dartmouth

Major: Astrophysics ~ No degree

- Attended two consecutive semesters before transferring
- Held an average GPA of 3.7
- Participated in Capoeira Club
- Relevant classes: 'Waves and Thermodynamics', 'Classical Mechanics', 'Calculus I&II'

University of Massachusetts Amherst

Major(s): Physics & Astronomy ~ Still attending

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- Participating in Chess Club, Parkour Club, Japanese Combat Jui Jitsu, Super Smash Bros. Club, Science Fiction Society, Baker House Council, and Astronomy Club
- Holding a GPA to date of 3.445
- Learning MATLAB, Python, HTML, CSS and (basic) JavaScript
- Relevant classes: 'Computational Physics', 'Modern Physics', 'Stars and Galaxies', 'Techniques In Theoretical Physics', 'Quantum Mechanics', 'Differential Equations', 'Statistical Physics', 'Electricity & Magnetism', 'Solid State Physics', 'Particle Physics', and 'Astrophysical Dynamics'

Additional Information

Skills, Talents, and Achievements

- I am experienced and proficient with the coding languages MATLAB, Python, HTML, CSS and I am familiar with basic JavaScript.
- Presented biophysics research results at the Annual Meeting of the New England Section of the American Physical Society at Wheaton College in Norton Massachusetts.
- I have a background and work experience applying advanced mathematics, physics, and computational data analysis.
- I'm familiar with the Adobe suite software (ie. Illustrator, Photoshop, After Effects, etc.), as well as the stock Windows Office programs (ie. Word, Excel, Powerpoint, etc.).
- I am an experienced artist; paint (oil, acrylic, watercolor), charcoal, graphite, etching, sculpture, clay modeling, oil pastel, inking, freehand portraits, tattoo design, and logo design
- I read, write, and speak basic Japanese (self-taught). I am also familiar with Spanish and Portuguese.
- I am a contractor / freelance designer for 'Greylock Labs'; a freelance web development and design agency.