

## ***EDUCATION***

### ***AP Certification***

La Salle University Advanced Placement Summer Institute

AP Physics B, AP Physics C: Mechanics, AP Physics C: Electricity and Magnetism, July 2009

Penn State University Advanced Placement Summer Institute

AP Calculus AB, July 2009

### ***Undergraduate and High School***

Northwestern University, Evanston, IL

Bachelor of Science, Manufacturing Engineering, June 1998

Brooks School, North Andover, MA

Class of 1993

## ***EXPERIENCE***

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**Avon Old Farms School, Avon, CT**

**Aug 2008 – August 2009**

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### ***TEACHING***

- Precalculus – Working within a standard curriculum and incorporating the use of a graphing calculator, including the elementary functions such as polynomial, rational, trigonometric, exponential, and logarithmic as well as sequences, series, and limits culminating in an introduction to differential and integral calculus. Create all quizzes and tests with the purpose of challenging students to think rather than regurgitate, through complex yet succinct questions. Post weekly syllabus on intranet.
- Honors Physics – Physics with an emphasis on complex problem solving; developed all of the coursework utilized in classroom, including labs, problem sets, review materials, and tests; initiated year-long physics awareness article gathering program. Post weekly syllabus on intranet.

### ***ATHLETICS***

- Boys' Varsity Squash – (Nov. 2008-August 2009) Program Director, Head Coach, Work on personal growth, match management, physical fitness and sound fundamentals; developed the foundation for a blossoming program including a way of practicing and approaching the game of squash to better oneself every day.
- Boys' Varsity B Lacrosse – (Spring 2009) Head Coach

### ***RESIDENTIAL***

- Dorm Parent in 9<sup>th</sup>-PG Boys' Dorm – (Sept. 2008- August 2009) Supervise a dorm of 46 boys and reside in dorm.

### ***ADVISING***

- Student Advisor – Provide daily mentorship and academic and life guidance to seven senior and PG student advisees who also reside in my dorm, initiated a goal-setting program for my students, assist students in navigating college admissions process, serve as primary parent contact, generate quarterly grade reports and letters, and sponsor advisee activities.

### ***ADMINISTRATIVE***

- Weekly Comments – Write weekly comment for all students performing at a substandard level.

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**The Hill School, Pottstown, PA**

**Aug 2005 – Jun 2008**

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### ***TEACHING***

- Physics 1 Honors – Conceptual Physics and problem solving; developed much of the coursework utilized in classroom, including labs, problem sets, review materials, and tests; initiated year-long physics awareness article gathering program.

## ATHLETICS

- Boys' Varsity Squash – (Jan. 2008-Mar. 2008) Acting Program Director  
– (Sept. 2006-Mar. 2008) Head Coach, led team to best squash record in recent history (14-9); worked on personal growth, match management, physical fitness and sound fundamentals; won Tom Flanagan Tournament in December 2007. Organized and directed a new tournament at Hill.
- Boys' Varsity Lacrosse – (Sept. 2007-May 2008) Offensive Coordinator; instituted and taught new, concept based approach focused on body and ball movement.
- Boys' and Girls' Junior Varsity Squash – (Nov. 2005-Feb. 2006) Head Coach
- Boys' 3<sup>rd</sup>s Lacrosse – (Mar. 2006-May 2007) Co-Coach

## RESIDENTIAL

- Dorm Parent in Freshman Boys' Dorm – (Sept. 2007-May 2008) Supervised a freshmen dorm of 45 boys and resided in dorm. Co-created a freshmen residential program.

## ADVISING

- Student Advisor – Provided daily mentorship and academic and life guidance to eight student advisees, initiated a goal-setting program for my students, assisted students in navigating college admissions process, served as primary parent contact, and sponsored advisee activities.

## ADMINISTRATIVE

- Residential Curriculum Committee – Coordinating speakers on relevant high school topics
- Strategic Plan, Governance Committee – Focused on on-campus leadership composition and hierarchy.
- Faculty Development Committee – Working to improve faculty life on campus.

## CLUB

- Entertainment – Advisor; created 4 episode season of Hill Idol and boarding school life based sit-com.
- Green Initiative – Member; created activities, projects and engaged speakers to raise environmental awareness of students, faculty, and staff.

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**Windward School, Los Angeles, CA**

**Sept 2003 – June 2005**

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## TEACHING

- Substitute Teacher - Spanish; 7<sup>th</sup> Grade History; 7<sup>th</sup> Grade English; High School History

## STAFF

- Assistant Librarian - Completed various projects including research, shelving, paging, copying, and checking in the serials; aided students with academic questions, homework and projects.

## ATHLETICS

- Boys' Varsity Lacrosse (2003 – 2005) – Midfield Position Coach; worked on midfield aspects of the game, focusing on physical conditioning, stick skills, working as a team and strategies.
- Boys' Junior Varsity Lacrosse (2003 – 2005) – Head Coach; worked on all aspects of the game, focusing on physical conditioning, stick skills, working as a team, offensive strategies, and the goalie's form and technique.
- Boys' Middle School Lacrosse (2003 – 2005) – Co-Coach, provided an understanding of the game; taught basic skills.
- Varsity Cross Country (2003 – 2004) – Assistant Coach, helped students understand proper pacing, form and dietary habits for runners; worked with team regarding mental aspect of racing.
- Junior Varsity Cross Country (2003 – 2004) – Assistant Coach; helped students understand proper pacing, form and mental aspects of running and racing.
- Physical Fitness and Lacrosse Trainer (2004 – 2005) - Trained Windward high school students in physical fitness and conditioning; focused on improving overall lean muscle mass, speed and lacrosse skills through rigorous workouts comprised of plyometrics, isometrics, core training, stretching, stick work and one-on-ones.

**Private Tutor, Los Angeles, CA**

**Dec 2003 – June 2005**

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**PHYSICS**

- Conceptual Physics – Worked with nine students to improve each individual’s strengths and improve upon weaknesses; adapted learning methods to best suit student’s learning needs; provided alternate methods for problem type recognition and problem solving techniques.

**MATH**

- Algebra I, Geometry, Algebra II/Trigonometry & pre-Algebra – Worked with 9 students in various mathematic disciplines to improve each individual’s strengths and improve upon weaknesses; adapted learning methods to best suit student’s learning needs; provided alternate methods for problem type recognition and problem solving techniques.
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**Non-Teaching Experience**

**Aug 1998 – June 2001**

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**THE VALVOLINE COMPANY**

- Valvoline’s MaxLife Motor Oil Spokesperson (May 2001- June 2001) - Competed against 750 applicants nationwide; visited 42 cities in 52 days; featured appearances included 125 television spots, 195 radio spots, 45 print articles and 25 websites.

**SRA INTERNATIONAL, INC.**

- Consultant (June 1998 – June 2000) - Performed process and management consulting for several government agencies, including Secretary of the Air Force in Acquisition, Internal Revenue Service Customer Service Organization and US Naval Commercial Activity, Privatization, and Outsourcing.

**ACHEIVEMENTS**

**Northwestern University**

- Men’s Lacrosse – Member 1993 – 1998, Captain 1996 – 1997
- Men’s Squash - Member 1996 – 1998

**Brooks School**

- Chairman, Peer Tutoring (1992 – 1993)
- Teaching Assistant, Geometry (1992 – 1993)

**SKILLS**

Mac and PC operating systems proficient

Microsoft Office Suite proficient

Adobe Premiere

Final Cut Pro

Acting Classes; Improvisation, Situation Comedy and Monologue