

Eric W. Argentieri

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Accomplished, achievement-driven, intuitive, and results oriented

Honors: Valedictorian, Scholar-Athlete, Community Service

Major: Materials Science Engineering (2013 Graduation)

EDUCATION

Rensselaer Polytechnic Institute **BS - Magna Cum Laude** Troy, NY
Fall 2008 – Spring 2013 -- **GPA 3.72** Relevant Courses *Honors: RPI Merit Scholarship*

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|-------------------------------|--------------------------|--------------------------------------|
| ▶ Calculus & Physics (I & II) | ▶ Corrosion | ▶ Thermal & Fluids Eng I |
| ▶ Strength of Materials | ▶ Structure of Materials | ▶ Differential Equations Intro |
| ▶ Analysis & Design Eng Intro | ▶ Fuel Cell Fundamental | ▶ Graphics & CAD |
| ▶ Materials Science | ▶ Engineering Dynamics | ▶ Modeling & Analysis of Uncertainty |

Corning Community College (A.C.E. Program) Corning, NY
Fall 2006 – Spring 2008 – A.C.E. 31 Credit Hours -- **GPA 4.0**

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| ▶ Calculus I & II | ▶ 1000 level English I & II | ▶ Chemistry I & II |
| ▶ Government | ▶ Macro & Micro Economics | |

Honors: President's List, Phi Theta Kappa – International Honor Society of The Two Year Colleges

Haverling High School Bath, NY

9/2004 – 6/2008: Accelerated Regents Curriculum -- **Valedictorian**

Honors: Clarkson Scholarship, National Honor Society, NFF Scholar-Athlete, League MVP Offensive/Defensive Lineman, NYS & American Powerlifting Records, School Awards (Physics, Math, French).

Second Language Skill: French (I, II, III) - ILR Level 2- Limited Working Proficiency

EMPLOYMENT/EXPERIENCES

Summer 2012 – Corning Incorporated Painted Post, NY

Corning HPD, **Summer Intern** for Dr. Brad Bowden: I learned about High Performance Displays (HPD); including TFTs, color filters, and cover glasses. My project dealt with issues concerning Corning's innovative 0.1 mm thick Willow glass for use in ultra slim displays. The resulting project offered great insight into physical performance attributes after high temperature processing. This included modeling of fast and slow relaxers of these ultra-thin glass substrates.

Summer 2010-11 – Corning Incorporated Corning, NY

Corning Optical Fiber, **Summer Intern** for David Lewis: I learned about basic fiber optic manufacturing techniques, strength and fatigue testing, and very basic optical testing procedures. I conducted two main projects, 1) tested submarine splices in different environmental conditions, and 2) addressed a problem with coating slip on specific KUNA fibers. The summer of 2011 brought an opportunity to create my own experimental procedure and testing. This was to compare corrosion susceptibility results produced from half meter tensile testing and 2 point bend testing. The results were part of a report to the standards committee.

2008-2009 Semester breaks Frey & Campbell - Commercial Plumbing & Heating Hammondsport, NY

This experience taught me a new set of skills, the importance of ensuring orders were correct and on schedule, and being flexible to meet the daily demands of the business. My responsibilities included:

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| ▶ Plumbing | ▶ Welding | ▶ Order Fulfillment/Deliveries |
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Community Service:

Glenn H. Curtiss Museum Restoration Shop – Summer 2009: Co-designed and Built Steel Engine Test Stand with Self Contained Cooling Unit fully operational August 2009. Prior years: I volunteered to work on the "America" restoration project including supervising two retired volunteers and was recognized during the America's "In Flight" celebration.

OTHER INTERESTS

In addition to my scholastic achievements, I've enjoyed traveling to several foreign countries. In college, I participate in Club Wrestling, Intramural Basketball and hockey, and play short stop in a Men's Fastpitch softball league. I've set **8** World Powerlifting Records with a 600 lb dead lift, 515 lb squat, and a 315 lb bench at the APA World Powerlifting meets.