

Nicholas Joseph Pisciotta

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Career Objective: Mechanical Engineering

Education

- **Class of 2016, Penn State University College of Engineering, Air Force ROTC (Det. 720)**
- **2012, Advanced Studies Diploma, JEB Stuart High School** (public), Falls Church, VA
 - **High School Cumulative GPA:** 3.6
 - **Academic Awards:** President's Award for Educational Excellence, Grade 12, Director's List, six quarters Grades 9-11, Honor Roll first semester Grade 12; Third Place Virginia State, 2012 Future Business Leaders of America (Entrepreneurship).

Engineering and Work Experience

- **Paid Engineering Apprentice**, Department of the Navy, Naval Surface Warfare Center/Carderock, Bethesda, MD, Summers 2011 and 2012. Student Engineering Apprenticeship Program (<http://seap.asee.org>). Assistance in complex structural and stress tests of ship and submarine major component designs. Experience with NX Unigraphics computer-aided design software. Security clearance.
- **Founder**, Lake Barcroft Engineers Forum, 2011 to present. Organize and lead discussion group of professional engineers (e.g., Mitre Corporation, Boeing, Lockheed Martin) and high school students on engineering careers.
- **Member**, Engineering Club, JEB Stuart High School, Grade 12.
- **Participant**, Engineering Workshop, National Student Leadership Council, (www.nslcleaders.org), Summer 2010. Participated in team design/build challenges for catapult, wind turbine, surface/underwater robots.
- **Unpaid Intern**, Split Second, Inc., Laguna Hills, CA (www.splitsec.com), Summer 2010 (1 week), Spring Break 2012 (1 week). Assisted in development of electronic components for a specialty auto turbo kit.
- **Paid Apprentice**, Xtreme Mini-Racers, Manassas, VA (<http://www.xmrpros.com>), Summer 2009. Repaired dirt bikes, racing motorcycles, ATVs, snowmobiles, and go-carts.
- **Entrepreneur**, Own lawn mowing and snow shoveling business, Falls Church, VA, Grades 9-12.
- **Employee**, Tropical Smoothie Cafe, Annandale, VA (www.tropicalsmoothie.com), Summer 2010.

Leadership

- **Eagle Scout, Senior Instructor, Patrol Leader**, Boy Scouts of America, Troop 875, Falls Church, VA.
- **Captain, MVP, All District Honorable Mention Varsity Lacrosse**, Grade 12; **Captain, JV Soccer**, Grade 10.
- **Member**, Future Business Leaders of America (www.fbla-pbl.org), Grade 12.
- **Leadership Trainee**, National Student Leadership Council (www.nslcleaders.org), Summer 2010.

Music, Arts and Awards

- **Cello** - McLean Youth Orchestra, McLean, VA (www.mclean-orchestra.org/myo) Grades 8-12. Performance of professional full orchestra repertoire including at Kennedy Center. Private study since age 5.
- **Poetry** - Grades 9-12. Published in Rough Draft, Flint Hill's Columbia Scholastic Award-winning literary magazine. Selected in national competition for publication in A Celebration of Poets, Summer 2008.
- **Photography** - Grades 11, 12. Art Merit Award, Grade 11. Named photo editor for Rough Draft 2011-12.

Sports and Hobbies

- **Lacrosse** - Varsity Grades 11, 12; JV, Grades 9, 10.
- **Soccer** - JV Grades 9, 10.
- **Karate and kickboxing** (Mi-Ki-DO) - Advanced Brown Belt; competed in national tournaments.
- **Hobbies** - Sailing, skiing, skateboarding, flying, guitar, antique car restoration (1972 Chevy pick-up).

Community Service

- **Eagle Scout Project**, Construction and installation of specialized bird houses in Lake Barcroft Community for song bird conservation, Grade 12. Volunteer on various other Eagle projects including building park benches and trails, and collecting items for the homeless and libraries. Grades 9-12.
- **Cellospeak, Inc.**, Reston, VA (www.cellospeak.org), Summers 2009, 2010. Volunteer student assistant for one-week workshops for adult amateur cellists organized by music education non-profit.
- **Pets on Wheels**, Fairfax County, VA (www.fpow.org), Grades 8, 9. Nursing home visits with certified dog.