

MICHAEL S. POPP

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OBJECTIVE

To continue my education and to use my skills and knowledge in general engineering, computer aided design, and aeronautics in an internship with a leading organization in the Aeronautical and Mechanical Engineering industry.

EDUCATION

- September 2006 – Present **Rensselaer Polytechnic Institute** Troy, NY
Aeronautical and Mechanical Engineering Dual Major, Economics Minor
- Grade Point Average: 3.64/4.00
 - Expected Graduation Date: May 2010.
 - Currently a Junior earning my Bachelor's of Science Degree in Engineering.
 - Past courses include Aerodynamics, Aerospace Structural Analysis, Fundamentals of Flight, Numerical Methods Computing, Differential Equations, Computer Aided Design, Thermal and Fluids Engineering I, Engineering Dynamics.
 - Current Semester studies include Aerospace Structural Vibrations, Aerospace Structures and Control Lab, Elements of Mechanical Design, Mechanical Systems Lab, and Modeling and Control of Dynamic Systems.
 - Awarded Dean's List all semesters.

LEADERSHIP

- Elected as President and Executive Board Chair for the Nu Theta chapter of Phi Mu Delta fraternity for Fall 2008. Also elected as Executive Board Officer as Secretary in 2007.
- Computer Aided Design Teacher's Assistant Fall 2007.
- Co-Op Committee Chair during educational assignment at General Electric.
- Member of Pi Tau Sigma, the Mechanical Engineering Honor Society.

EMPLOYMENT

- January 2008 – July 2008 Co-Op **General Electric Aircraft Engines** Lynn, MA
CF34 Small Commercial Engines Project Support
- Duties included maintaining Excel spreadsheets on engine production and delivery status, coding and updating department website, setting up conferences to troubleshoot engine performance issues at the testing facility, and working to help the LEAN Six Sigma cost reduction process in the assembly line area.
 - Gained valuable experience in the aeronautical industry, learned about all the processes that go into creating, testing and delivering an aircraft engine to business jet manufacturers like Bombardier. Hands on experience with engine assembly and test, combustor production, compressor production and many other aspects of engine build.

SKILLS

- Programming experience includes JAVA, C/C++, and Visual Basic (Excel Macros).
- Software experience includes Microsoft Office – Word, Excel, and Powerpoint, NX5 (CAD Package), MatLab scripting (Linear Algebra Environment), and Maple 10.