

David Aaron Altherr

CURRENT ADDRESS

5527 Habersham Street
Savannah, GA 31405
(202) 556-3734
david.altherr@gmail.com

EDUCATION

Embry-Riddle Aeronautical University

Master of Science in Technical Management. Expected graduation in August 2010. GPA: 3.9/4.0.

University of Cincinnati

Bachelor of Science in Aerospace Engineering. June 2004. GPA: 3.3/4.0.
Honors. International Certificate in German.

EMPLOYMENT EXPERIENCE

Technical Specialist I / Engineer III

Aug 2004 - Present

Gulfstream Aerospace Corporation / Powerplant Engineering. Savannah, GA.

- Coordinated modification of engine systems for supersonic nacelle testing on the Tay engine.
- Coordinated significant testing program regarding aerodynamic phenomena on the BR710 engine.
- Developed testing technique for in-flight engine fan flow visualization.
- Acted as analyst for evaluation of expanded customer operational envelope for the AEP program.
- Acted as cognizant engineer for several various engineering investigations on the BR710 engine.
- Acted as project lead for the Special Missions Powerplant group on the HALO program.
- Acted as focal point for engineering data on liquid cooling system components for CAEW.
- Designed several system modifications for HALO and CAEW using CATIA v4.
- Developed software and hardware configurations for engine testing at Gulfstream and Rolls-Royce.
- Received Gold Pride Award for contributions to the AEP testing program.
- Received two Silver Pride Awards for follow-on AEP analysis and customer presentations.
- Strong focus on Testing, Qualification, Certification, Matlab, Labview, CATIA.

Research Student (Co-op)

Apr 2003 - Sep 2003

German Aerospace Center (DLR) / Space Operations Center. Oberpfaffenhofen, Germany.

- Developed control algorithms and applications for the European Proximity Operations Simulator.
- Performed research in support of the ESA Automated Transfer Vehicle Rendezvous Program.
- Strong focus on Matlab and technical German.

Software Developer (Co-op)

Jan 2002 - Mar 2003

Air Force Research Laboratory / Propulsion Directorate. Wright-Patterson AFB, OH.

- Developed analysis software, algorithms to optimally distribute structured grid computations.
- Performed research in support of the Wright Labs HyTech Scramjet program.
- Strong focus on ANSI C, Fortran, and Unix.

Web Applications Developer (Co-op)

Jan 2001 - Sep 2001

Structural Dynamics Research Corporation (SDRC). Milford, OH / San Jose, CA.

- Acted as lead developer for a knowledge base web application. Received MVP Innovation Award.
- Strong focus on PHP, MySQL, HTML, Apache, SDRC I-DEAS.

COMPUTER EXPERIENCE

Proficient Matlab, Labview, CATIA v4, ANSI C, Mathematica, AutoCAD, PHP, MySQL, MS Office
Familiar Simulink, CATIA v5, Fortran, C++, ANSYS, I-DEAS, FLUENT, STK, L_AT_EX, Unix, Apache

ACTIVITIES

- Presented research on Nanosatellite Inflatable Solar Sails at the 2004 Ohio Space Grant Consortium.
- Co-Founder and Former President of the UC International Cooperative Education Association.
- Former Vice President of the UC American Institute of Aeronautics and Astronautics.

REFERENCES AVAILABLE UPON REQUEST