

Matthew R. Leonard

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EDUCATION

The University of Texas at Dallas, Richardson, Tx
Major: Electrical Engineering
Senior – 138 Hours Completed – GPA 3.845
Enrolled in UTD Fast Track Program (12 Graduate Hours).
Anticipated Graduation Date: Spring 2006

EXPERIENCE

MEMtronics
Student Intern Summer 2005-Present
Performed research, experimental testing, and data analysis for DARPA funded contracts for the development of RF MEMS Phase Shifters. Gained experience in government-directed research and research proposals.

Los Alamos National Laboratories
Student Intern Summer 2003
Worked in the P-24 Plasma Physics Department as a student intern for the Magnetic Fusion Energy Team. Designed and developed an optical light array to allow tomographic inversion of visible light emission from a plasma fusion experiment.

Dallas Test and Balance
Assistant Summers 1999–2002
Performed preliminary air balance analysis based on building schematics. Generated external contractor reports.

HONORS

McDermott Scholar Class of 2002, University of Texas at Dallas
- comprehensive program of scholarship, leadership, and community service.
National Merit Finalist 2002
Dean’s List, UT Dallas 2002 – Present
International Baccalaureate, Garland High School 1999 – 2002
UTD Collegium V Honors Program 2002 – Present
“Magnetoplasmdynamics: Creating Ion Propulsion” 2002
- 1st Place Team – Intel International Science and Engineering Fair

ACTIVITIES

IEEE@UTD Executive Council 2005
EE/CS Undergraduate Advisory Council 2005
English as a Second Language (ESL) Instructor 2003
Volunteer at Herbert Marcus Elementary, Dallas 2002 – Present
Volunteer for DFW Regional Science Fair 2002 – Present