

Jason Atwood

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- Objective:** To obtain a mechanical engineering position in a small, customer-focused design firm.
- Education:** **Bachelor of Science in Mechanical Engineering** 5/2005
Georgia Institute of Technology, Atlanta, GA
Concentrating on robotics and mechanical control systems
Major GPA: 3.0
- Study Abroad Program** 8/2004 – 12/2004
Georgia Tech Lorraine, Metz, France
- Experience:** **Research Technician** 2/2009 – 7/2009
**Center for Assistive Technology and Environmental Access,
Georgia Tech, Atlanta, GA**
- Designed and fabricated custom medical devices
 - Managed and organized a 3,400 square feet prototyping shop
 - Instructed eight undergraduate students about machine design
 - Coordinated my time to balance work load from four project managers
- German CAD Translation** 9/2005 – 3/2007
Independent Contract, Atlanta, GA
- Interpreted German technical schematics and terminology
 - Rapidly constructed detailed Solidworks 3D models from 2D blueprints
 - Worked unsupervised through exclusively web-based communication
 - Cataloged and organized periodic design revisions
- Mechanical Engineering Research Assistant** 5/2004 – 10/2005
National Reconnaissance Office Grant, Georgia Tech, Atlanta, GA
- Researched micro-actuation of large space-based telescope mirrors
 - Coded and updated computer based thermal model with ANSYS software
 - Prepared and presented weekly project status reports
 - Submitted results to sponsor for evaluation and construction
- Computer Skills:** Microsoft Office Suite, Open Office Suite
Matlab, Simulink, Solidworks, and AutoCAD 2D + 3D
ANSYS FEA: user interface and command line programming
Windows XP, Debian Linux
- Activities:** Amateur cyclist at the East Point Velodrome (2008-2009)
Volunteer at the Georgia Aquarium (2008-2009)