

# Tim Kinney

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- Objective** Seeking a challenging Mechanical Engineering position in design and manufacturing where my knowledge of finite element analysis and high mechanical aptitude can contribute to the success of the company.
- Education**
- 2005-Present University of MO – Columbia Columbia, MO
- M.S. Mechanical and Aerospace Engineering. Currently: 4.00 GPA
  - Emphasis in Design and Manufacturing. Coursework related to finite element analysis.
  - Graduation expected in May 2006.
- 2000–2004 University of MO - Columbia Columbia, MO
- B.S. Mechanical and Aerospace Engineering with Minor in Mathematics.
  - Graduated with Departmental Honors, 3.48 Overall GPA, 3.60 Major GPA.
- Experience**
- 2005-Present University of MO - Columbia Columbia, MO
- Research Assistant
- Produced solid model of human hip using solid modeling software.
  - Will apply loads and stresses, analyze via finite element analysis, and improve or design hip implant based on research.
  - Gained experience with FEA software program ABACUS, solid modeling and imaging software including ProE Wildfire and Amira, numerical optimization software including Matlab, and VisualDOC
- 2003–Present The Home Depot Columbia, MO
- Sale Associate
- Improved my communication skills through customer service.
  - Gained time management skills by balancing 30 hrs/week at work and maintaining full time student status.
- 2003-2003 Missouri American Water St. Louis, MO
- Summer Intern
- Completed technical drawings of pipe locations and main breaks.
  - Completed research and data entry tasks.
- Honors and Activities**
- Curators Scholarship Award, Dean's List.
  - Departmental Honors for the completion of an undergraduate research project including a thesis about the design and fabrication of tunable liquid microlens device.
- Interests** Research and development; learning new computer software; hunting: specifically deer, turkey, dove, raccoon, and coyote; fishing local rivers and lakes.
- References** Available Upon Request.