

Jane Brown
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OBJECTIVE

To obtain a mechanical engineering internship or co-op position.

EDUCATION

University of Texas at Arlington
Bachelor of Science in Mechanical Engineering
GPA: 3.6/4.0

Arlington, TX
Expected: August 2006

Tarrant County College-Northeast
Completed transferable coursework

Hurst, TX
May 2003

RELEVANT COURSEWORK

Taken

Statics, Engineering Analysts I & II, Dynamics, Solid Mechanics, Thermodynamics, Material Science

In Progress

Fluid Dynamics, Thermodynamics II, Material Science Lab, Dynamic System Modeling and Control

TECHNICAL SKILLS

Pro-Engineer, STATISTICA, AutoCAD, Flotherm, SolidWorks, Visual Basic, Microsoft Word, Excel, PowerPoint

PROJECTS

Handling Methods for 70-micron Silicon Wafers: Researched existing methods of wafer handling. Conducted finite element analysis of silicon wafers. Designed and produced handling mechanism (Radial diffuser/nozzle).

Design of Truck Loading Mechanism Using a Four Bar Linkage: Designed a four bar mechanism by use of graphical (AutoCAD) and analytical (various Kinematic equations) methodology. Built mechanism with Popsicle sticks and screws and attached a small scale model truck. Prepared report of project stating the problem, procedure, and conclusion.

WORK EXPERIENCE

University of Texas at Arlington, Admissions Office
Student Office Assistant
Arlington, TX
August 2003-Present
Greet parents and students at front desk. Answer multi-line phone and transfer calls to appropriate staff member. Respond to telephone and in-person inquiries about admissions process.

Kroger
Baker/ Bakery Clerk
Arlington, TX
June 2002-May 2003
Provided quality service to customers of the bakery department. Prepared baked good every morning. Decorated cookies and cakes. Took special orders for baked goods in an accurate manner.

HONORS/ACTIVITIES

Member, Pi Tau Sigma, January 2004- Present
Treasurer, Society of Women Engineers, January 2004-Present
Member, Society of Women Engineers, August 2003-Present
Member, American Society of mechanical Engineers, August 2003-Present