**Maria E. Parker**

**Campus Address mepnd@nd.edu Permanent Address**

256 Fitzpatrick Hall 1060 W. Addison St.

Notre Dame, IN 46556 Chicago, IL 60613

(574) 631- 6039 (773) 404-2827

**OBJECTIVE** To obtain a summer internship in Mechanical Engineering.

**EDUCATION** **University of Notre Dame**

 *Bachelor of Science in Mechanical Engineering*

GPA: 3.1/4.0, to be awarded May 2006

 Dean's List: Spring 2004

 **Study Abroad Program**

 *London, England*

**COURSEWORK** Engineering Graphics (Pro-E) Thermodynamics

 Mechanical Design Computing & Programming

 Control Systems I, II Heat Transfer

**COMPUTER** *Languages:* FORTRAN, MATLAB, C++

**SKILLS**

 *Systems*: MS-DOS, UNIX, Macintosh, Windows: 9x, XP, 2000, & NT

 *Software*: ProEngineer Wildfire, AutoCAD, MS Word, MS Excel

**EXPERIENCE** **Alivaf Technology Corporation**, San Antonio, TX, June-September 2004

*Engineering Intern*: Design widgets using Pro-Engineer to meet design specifications. Selected and tested appropriate materials to optimized strength-to-weight ratio. Tested widgets using IBRAKEM testing apparatus.

 **University of Notre Dame**, Notre Dame, IN, Fall 2004

 *Undergraduate Research Assistant:* Conducted preliminary research on fuel cells. Assisted in setting up apparatus for rheology experiments using polymers and fiber composites. Took permeability measurements of deformed fabrics.

**MEMBERSHIPS** American Society of Mechanical Engineers (ASME), member, 2004

 Tau Beta Pi, Treasurer, 2005

 Organized fundraisers grossing $3,000

 National Society of Black Engineers, member, 2004

 Association for Computing Machinery, member, 2003

**ACTIVITIES** Racquetball, jogging, church volunteer, math tutor

**REFERENCES** Available upon request