

BRIAN GOODWIN

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OBJECTIVE

Part-time job or internship in the mechanical engineering field participating in design, research, or testing.

EDUCATION

Milwaukee School Of Engineering *Milwaukee, WI*

B.S. Mechanical Engineering

Expected Graduation Date: May 2009

- GPA: 3.791/4.0
- Sophomore standing
- Experience using Pro E, Solid Works, & Microsoft Applications.
- Relevant Coursework: Strength of Materials I, Thermodynamics I & II

EXTRACURRICULAR ACTIVITIES

- Materials Information Society (ASM) Chair Position. Attended ASM Milwaukee Professional Chapter meetings and seminars. (2005-2007)
- International American Society of Mechanical Engineers Communications Representative position. Attended manufacturing tours. (2005-Present)
- Active Intersarsity Christian Fellowship member
- Peer Mentor Program 2005-2006
- Rugby 2005-2006
- Football 2001-2005
- Wrestling 2001-2005

PROFESSIONAL EXPERIENCE

Center for Building Performance and Diagnostics *CMU, Pittsburgh, PA*
April 2007 – Present

Research Assistant

- Bio-Diesel Engine Research
- Cogeneration
- Thermodynamic Analysis and Modeling

Rapid Prototyping Research *MSOE, Milwaukee, WI*
September 5, 2006 – April 2007

Research Assistant

- Solid modeling and design
- CNC Programming using Visual Mill
- CNC Mold Making

Volcano Falls Adventure Park Inc.
May 1, 2003 – August 28, 2005

Rockford, IL

Maintenance/Go-cart Mechanic/Attendant

INTERNSHIP EXPERIENCE

Totter Manufacturing

Rockford, IL

May 30, 2006 – August 30, 2006

Manufacturing Engineer

- Performed Lathe automation setups. Programmed CNC Machines (mill/lathe).
- BobCAD-CAM Software. Non-value added time and value added time.
 - Operations included set-up evaluations and applying practical ideas to increase the value added time of different machines.

INTERESTS AND ACTIVITIES

- LEAN Manufacturing and Continuous Operations Improvement, Research, Materials Science, Innovation, Pianist/Vocalist, Rock Climbing, Golf, Published Poet.

AWARDS RECEIVED

- MSOE High Honors Deans List 2005-2007
- N.I.C. 9 Scholar Athlete 2001-2005
- Model Wrestling Captain 2003-2005
- IHSA Academic Award

REFERENCES

Available upon request.