

Jesse E. Stark
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OBJECTIVE

Obtain a challenging entry level position with the potential for growth in the field of Mechanical Engineering, particularly in the areas of robotics and motion control systems which will utilize my experience in both the technical and customer service realms.

EDUCATION

Bachelor of Science, Mechanical Engineering, Georgia Institute of Technology

Atlanta, GA, August 2005 – May 2009, GPA: 2.76

- Finished 7th out of 31 teams at the Spring 2009 Mechanical Engineering Design Expo with FRED, the Flying Reconnaissance Exploratory Device, a hopping robot which could be used to search buildings for both military and search and rescue missions.
- Advanced to the quarter finals in the Spring 2007 ME2110 Design Competition, where my team also won best in show for the most visually appealing motion system.
- Designed and programmed a robotic “Cops and Robbers” system where the cop robot used a fastest path algorithm to chase a robber robot which traveled through a maze using both random movements and smart movements when the cop was nearing.

RELATED EMPLOYMENT

Student Associate, Rockwell Automation

Mequon, WI, July 2003 – present

- Created pre-punched Enclosures and Subpanels for the new Frame 2, 3, and 4 PowerFlex 755 drives.
- Redesigned and modified Subpanels and Enclosures for the PowerFlex 70 and PowerFlex 700 drives, resulting in a manufacturing cost savings of over \$80,000 a year.
- Hands on experience manufacturing PowerFlex 70/700 drive cabinets for wall mounted configured drives.
- Regularly assisted engineers with side projects by doing drawing revisions and sending out drawings to the customers.

OTHER WORK EXPERIENCE

Roll Call Phone Associate, Georgia Tech Alumni Association

Atlanta, GA, September 2005 – May 2009

- Received over \$500,000 in pledges over the past four years.

Head Server, Roux Brothers

Cedarburg, WI June 2007 – June 2008

- Managed the front of the restaurant on Friday and Saturday nights.
- Responsible for collecting cash and credit card receipts from servers at the end of the night.
- Trained three new servers and a bartender.

COMPUTER SKILLS

Windows XP

Linux (Ubuntu, OpenSUSE)

AutoCAD

SolidWorks

MATLAB

LabVIEW

Microsoft Office

Lotus Notes

Website Design

AWARDS & HONORS

Georgia Institute of Technology Dean's List

Agustin A. Ramirez, Jr. Family Foundation Scholarship

Grafton Community Scholarship

Ozaukee Bank Scholarship