

Jung H. Kim

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Objective

Obtain an internship position in a professional environment where I can further develop my engineering solving skills, maximize my management and engineering experience, take on high pressure and expectations, and test my dedication. (US Citizen)

Educational Background

Mechanical Engineering w/ Minor in Manufacturing, Economics

[2008 – On Going (Dec 2012)] Purdue University West Lafayette, Indiana
- Senior Mechanical Engineering program at Purdue, pursuing a Bachelor of Engineering in Mechanical Engineering
-W Coleman Atkins Alumni Scholarship (2010, 2011)
GPA: 2.56

Employment History

Mechanical Engineering Intern

[06/2011 – 08/2011] South Bend Controls Mishawaka, Indiana
-Created software program to predict resistance in coil for solenoids which reduced resistance calculation error from +15% to 5%.
- Created software program to predict overall flow pressure and force in entire system.
- Created start up guide for new engineers into the organization and preliminary ISO 9000 documentation. Standardizing, troubleshooting, and updating engineering testing specifications.
- Conducted Preliminary DOEs for Force Measurements in new coils.

Peer Teaching Assistant

[09/2009 – Current] Purdue University West Lafayette, Indiana
- Assist Professors and Graduate TAs with class instruction of ENGR 195(ENGR 131/132) .
- Personally responsible for guiding, grading, and leading teams of students while aiding the teaching team in progressing through the class in a combined lecture/lab/studio format.

Personal Trainer

[03/2011 – Current] Purdue University West Lafayette, Indiana
- Designed workouts, diet plans, and other training sessions, as well as focus on specific problems (i.e. injuries, obesity, etc.) for gym members.

Staff Scheduler Float

[01/2008 –08/2011] Alberta Health Services Calgary, Alberta
- Responsible for staff replacement needs for assigned areas of the province of Alberta while operating a team based professional environment.

Relevant Activities and Training

- Epod (Electric Purdue On Demand) Manufacturing Team
- Member of Purdue ASME: Student Section
- Epsilon Rho Chapter of Kappa Alpha Parliamentarian (Current), Risk Management Officer(Fall 2010), Pledge Class President (Spring 2009)
- 2008-2009 Senator of Meredith Residence Hall.
- Years of experience and training with computer programming and interaction. Including Microsoft Office Tools, Macromedia Web Tools, CATIA, CADKEY, and basics of computer programming including MATLAB and Visual Basic.