



Graduate Technical Intern

Program description

Rockwell Collins, Inc. (RCI) is recruiting interns for 2010 Summer Engineering Projects Program (SEPP). RCI builds student teams to work with dedicated mentors on select engineering projects with specific milestones and deliverables. Established in 1995, SEPP focuses on projects relevant to RCI business needs and that provide interns with challenging technical assignments. The program helps RCI build stronger relationships with schools, and enhance recruitment of engineering talent by developing connections to RCI employees. SEPP offers interns the opportunity to use classroom knowledge in a business setting while working as a team, and to present their projects to executive leadership in a formal environment.

Project title **Development of High Density Chip-to-Chip Electrical Interconnect and Advanced Packaging**

Project description

This project will include developing next generation microchip electrical interconnects and high density electronic modules by creating wafer-level processes including some or all of the following areas: high resolution imaging, photolithography, electroplating, material selection, planarization and polishing, system / package assembly, continuity and preliminary reliability evaluations.

Number of students **2**

Qualifications:

Desired discipline **Mechanical Eng. (ME), Material Science & Eng. (MSE)**

Required skill-set(s)

- Familiar with semi-connector fabrication process and materials
- Knowledge of electronics packaging technologies
- Excellent communication and presentation skills

Candidates must

- **U.S. Citizenship or Permanent Residence required**
- Be registered as full time students in BS, MS or Doctorate program
- Maintain a minimum 3.0 GPA on a 4.0 scale
- Be Junior or above, by credit status, with fall 2010 enrollment required

Job Title Graduate Technical Intern

Location United States - Iowa - Cedar Rapids, IA

Schedule Full-time, May – August 2010

If interested, please send resume to: **Matthew Yao, myao@rockwellcollins.com**