Iowa DOT GIS Student Summer Internship Program

The Iowa Department of Transportation in partnership with InTrans at Iowa State University has 3 openings for the new summer internship program for the summer of 2012.

Students must be a full time student to qualify. Students who will graduate in May of 2012 are not eligible for this opportunity unless enrolled full-time into a graduate program for the fall.

Hourly salary for summer internship students will be $14.05/hour.

1. Office: Information Technology
   Job Location: In Ames
   Dates: Monday May 7 to Friday Aug 17, 2012

   Job Description: Position will help in the development and advancement of geospatial technology at Iowa DOT. Student will work with web map applications using JavaScript and .NET, SQL programming with Oracle Spatial and other development as directed by geospatial staff. Great opportunity to work with Oracle Spatial, ArcGIS Server, .NET and JavaScript in a professional and rewarding environment.

   Job Skills / Requirements: Class work or previous work experience with JavaScript, HTML, .NET (C# and/or VB) and databases. Student must be dependable, self-starter.

To Apply:

Interested Students need to send a cover letter, copy of their resume, and a completed internship application to by April 6th:

Vanessa A. Goetz, P.E.
Iowa Department of Transportation
vanessa.goetz@dot.iowa.gov
515-239-1382
2. Office: Maintenance  
Job Location: Ames, IA  
Dates: Monday May 7 to Friday Aug 17, 2012  

Preferred background:  
- Interest in working with ArcGIS Desktop, GeoMedia Professional, Microsoft Office Products, Oracle Spatial and possibly Microstation  
- Interest in learning spatial data processing, thematic mapping, and database management  
- Need good communication, interpersonal, and organizational skills with the ability to work independently and as part of a team  

Job will include:  
- Development of paper map series for field staff  
- Working to compile existing databases within Microsoft Office Products  
- Developing new databases and entering information off paper documents  
- Georeferencing and digitizing maps from various sources into preferred GIS software  
- Work with GIS team to document and maintain records on data processing procedures  
- Doing digital and paper document research  
- Potential for field data collection  

3. Office: Traffic and Safety  
Job Location: Ames, IA  
Dates: Monday May 7 to Friday Aug 17, 2012  

Preferred background:  
- Interest in working with ArcGIS Desktop, GeoMedia Professional, Access, Microsoft Office Products, Oracle Spatial and possibly Microstation software and LiDAR datasets;  
- Interest in learning spatial data processing, thematic mapping, and database management;  
- Need good communication, interpersonal, and organizational skills with the ability to work independently and as part of a team.  

Job will include:  
- Working to compile existing databases within Microsoft Office products;  
- Developing new databases and entering information off hardcopy documentation;  
- Georeferencing and digitizing maps from various sources into preferred GIS software;  
- Documenting and maintaining records on data processing procedures;  
- Digital and paper document research.  
- Developing the Access data set for the new permitting system.