Web Database Developer Undergraduate Position
Center for Packaging and Unit Load Design at Virginia Tech

**Description**

The Center for Packaging and Unit Load Design is one of the most experienced research centers in the area of package, pallet and unit load design. The Center was established 30 years ago and since then has been actively involved in the development of various ISO, ASTM, and MHIA standards to make the transportation of goods more environmentally friendly and more economical. Our facilities feature a comprehensive pallet and packaging testing lab and material handling equipment found in warehouses. The Center's team includes experts in packaging, palletization, material handling and unit load design, who perform contract testing services, continuous education short courses, and industry research. Research at CPULD focuses on the development of systems-based technologies to optimize the relationship between the design and performance of unit loads and maximize the efficiency of the whole system.

The position provides a great opportunity for students interested in gaining experience in developing web databases and web based search modules.

**Responsibilities**

- Development of a MySQL based searchable database for research articles [www.unitload.vt.edu](http://www.unitload.vt.edu). The search module should be similar to Google Scholar.
- Development of an easy to use upload module to add new pdf articles to the database.
- Development of a web based interface to search articles in the database.

**Requirements**

Only students currently enrolled at Virginia Tech can apply. Applicants need to have a advanced knowledge of MySQL databases, PHP programming, experience with website development, previous experience building web based searchable databases. The applicants need to be able to work independently.

**Majors**

Computer Science or other related

**Timeframe:**

The position is available immediately.

**Pay:**

$10 per hour

**Contact Us**

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