TIM ARIOSTO

OBJECTIVE

To obtain a position with a structural engineering firm starting the summer of 2010.

EDUCATION

Bachelor of Architectural Engineering – Structural Option, expected graduation: May 2010 with EIT status
The Pennsylvania State University, University Park, PA

- Minors: Architectural Studies, Engineering Mechanics

Graduate Courses

- Computer Modeling of Building Structures
- Historical Methods of Structural Analysis
- Earthquake Resistant Design of Buildings
- Advanced Concrete/Advanced Steel

Summer 2007　　　　　　　　**Sede di Roma**　　　　　　　　　**Rome, Italy**

- Study Abroad Program offered by Architectural Engineering Department

EXPERIENCE

Summer 2009　　　　　　　**Jacobs Engineering**　　　　　　**Baltimore, MD**
Structural Engineering Intern

- Created and updated drawings for five different bridge projects
- Performed preliminary design work on two bridges based on standards and specifications
- Designed a bridge deck based on AASHTO specifications

Summer 2008　　　　　　　**Jacobs Engineering**　　　　　　**Glen Burnie, MD**
Construction Management Intern

- Composed and managed RFI's, FWD's, submittals, and a closeout log based on specification requirements
- Managed the bid process on several subcontracts

2006-Present　　　　　　**Waring Dining Commons**　　　　**University Park, PA**
Student Supervisor (Fall 2009)

- Supervised 50-60 student employees over 14 shifts per week
- Coordinated the work of 12 student managers

Student Manager (August 2007 – May 2009)

- Trained and directed a staff of 12-15 student employees per shift
- Coordinated with cooks and other management staff to provide meals for 2000-2500 students per day

Spring 2009　　　　　**Architectural Engineering Dept.**　　　**University Park, PA**
Teaching Assistant (Spring 2009)

- Graded writing assignments for 46 freshman engineering students

COMPUTER SKILLS

- STAAD Pro
- RAM
- SAP 2000
- ANSYS
- PCA beam/column
- Bentley Microstation
- AutoCAD
- Microsoft Office

VOLUNTEER EXPERIENCE

Penn State Habitat for Humanity

- Collegiate Challenge – Travel with a team of approximately 14 students to complete residential construction
  - Spring Break 2009 – Trip Leader – Slidell, LA
  - Spring Break 2008 – Bunnell, FL
- Operation HUB Build 2008 – Team Leader