

## **Role Description – Spring Co-op**

**Assignment Length –** 5 month assignment (01-11-2016 through 05-13-2016)

**Co-op –** Systems Engineering Intern (Spring 2016)

### **Reports to (roles):**

- Systems Engineer

### **Purpose and Contents of the Role:**

The co-op role provides students with the opportunity to apply academic knowledge and skills in a professional environment and to support/promote the students' career goals through contacts with professionals in their fields of study. The co-op experience enables students to participate in professional activities for Volvo Group by working on important and innovative projects. Co-ops are structured learning experiences where interns and our full time professionals work together on projects within their selected organizations. The co-op assignments allow students to integrate knowledge and skills in manners that are mutually beneficial to the students and Volvo Group.

### **Responsibilities / Main tasks:**

- Advanced Engineering
  - Support all advanced engineering initiatives and investigations to align with global technology roadmap.
- 3D Printing
  - Investigate new initiatives for utilizing 3D printing in our facility
- Volvo Kiosk
  - Design/Implement new kiosk system to be utilized in all production/ office areas
- HR Kiosk
  - Upgrade exiting kiosk to new structure and formatting to allow for easy addition of functions and buttons.
- Drumbeat Mobile
  - Version 2 Design/Review and Testing/Implementation
- Digital Powerbase/VTC Interface
  - To be utilized by VTC's in all production areas. Utilization of teamplace, share drives, applications, and all other needed functions to create centralized dashboard.
- Google Glass
  - Working with google glass to implement process improvements and develop internal solutions for production continuous improvement.
- Support Projects
  - Support all industrial engineering project teams

**Minimum Education Requirements:**

- Applicants must be pursuing a/an Computer Science, Computer Engineering, Electrical Engineering, or Engineering degree at an accredited school and have completed 30 semester hours prior to the start of the internship/co-op.
- Applicants must have a minimum cumulative grade point average of 3.0.

**Personal Qualifications:**

- Customer Focus
- Technical Skills
- Peer Relationships
- Integrity and Trust
- Standing Alone
- Action Oriented
- Perseverance
- Communication

**IT applications:**

- Microsoft Office Suite
  - All office packages including Microsoft Access
- Photoshop CS6
- Development Platform
  - Visual Studio
  - Adobe Dreamweaver
  - Notepad ++
  - Visual Basic
- Sharepoint
- Sharepoint Designer

Possible Volvo funded corporate housing available

[Link to Application](#)