

## ENTRY-LEVEL ENGINEERING

**SYSTEMS ENGINEER | TEST ENGINEER | BUSINESS INTELLIGENCE ANALYST**

### VALUE ADDED

- Project Management
- Team Leadership/Motivation
- Technical Writing
- Budgeting
- Cost Accounting
- Cost/Benefit Analysis
- Requirements Verification / Validation
- Requirements Testing / Allocation
- Systems Integration
- Critical Path Analysis



### RELEVANT COURSEWORK

*Economics*

*Fundamentals of System Engineering*  
*Logistics and Supply Chain Management*  
*Modeling and Simulation*  
*Probability and Statistics*  
*Project Management of Complex Systems*  
*Systems Integration*  
*System Architecture and Design*  
*Thermodynamics*

Motivated student completing undergraduate degree in **Engineering Management**. Well-rounded individual with a unique blend of academic development, athletic training, and hands-on business insight, attained through numerous long-term, field-related internships (civil, mechanical, and systems engineering). Cultivated strong work ethic and lifelong passion for learning in a home-school environment, culminating in college-level and advanced study of engineering. Began college courses at age 15, demonstrating ability to make independent decisions regarding subjects to study and learning schedule.



### EDUCATION

**Bachelor of Engineering (B.E.) in Engineering Management**

**Minor: Economics**

**SSE Graduate Certificate, Systems Engineering & Architecting**

**Brooks Institute of Technology, Grand Island, NY**

**Anticipated graduation date: June, 2012 | GPA: 3.7**



### HONORS AND PERSONAL ACHIEVEMENTS

*Howard T. Brooks Scholarship | Scholars of Excellence Scholarship*  
*Brooks Honor Society | Five Time All-American NCAA DII Swimming*  
*| Brooks Scholar | Dean's List*

***Demonstrated ability to successfully juggle numerous diverse activities.***

- 3-time individual event All-American in NCAA Swimming.
- Triathlon and Ski Team participant.
- Accomplished more than 20 hours per week in athletic training while maintaining an exemplary grade point average and full time internships.



### TECHNICAL SKILLS

AutoCAD ▪ SolidWorks ▪ MS Excel w/Solver ▪ MS Word / PowerPoint / Project ▪ MS Sharepoint ▪ MiniTab ▪ Salesforce ▪ Mac OSX / OS9 ▪ Windows 7 / Vista / XP ▪ Internet (Explorer, Firefox, Chrome)

## PRESTIGIOUS INTERNSHIPS

*Proven commitment to professional growth and gaining valuable, hands-on industry related experience.*



### **THE CARRIAGE FIRM, INC., Albany, NY (6 months)**

*A full-service broadcast engineering firm providing systems consulting planning, design and integration of advanced digital and high definition facilities. [www.thecarriagefirm.com](http://www.thecarriagefirm.com)*

#### **SYSTEMS ENGINEERING INTERN**

Gained valuable experience as part of the company's engineering department. Collaborated and provided input on specific projects; surveyed and implemented basic changes to project documents in AutoCAD, Excel, and MS Access. Worked with planning department to update and format vendor price lists in Excel

- Organized and formatted backlog of vendor pricelists to TSG standard.
- Created functional drawings in AutoCAD to represent vendor products.
- Managed Sharepoint database of project drawings and documents.



### **DANSVILLE CORPORATION, Utica, NY (7 months)**

*Dansville Corp. is a developer and owner/operator of solar power projects. [www.dansvillecorp.com](http://www.dansvillecorp.com)*

#### **SALES AND MARKETING INTERN**

Reported directly to Senior Vice President of Sales and Marketing. Championed various responsibilities including: client identification / sourcing by utilizing Hoovers, PropertyShark, and Google Earth, ensuring positive direct client interaction, and database management (in Excel and Salesforce).

- Refined company database to improve data retrieval and increase efficiency.
- Introduced Google Earth as a client identification tool. Linked database with Google earth document enabling the company to map current and potential clients across the state of New York and parts of Vermont without overlapping information from extensive existing database.



### **RICKLAND TOYS, New York, NY (6 months)**

*Rickland Toys manufactures various toys for children. Its products include learning toys, toys based on preschool characters, baby gear, and children's products. [www.ricklandtoys.com](http://www.ricklandtoys.com)*

#### **MECHANICAL ENGINEERING INTERN**

As mechanical engineer on Clinging Critters toy line, served as an integral member of cross-functional team comprising designers, electrical engineers, and packaging engineers. Collaborated with team members to ensure product standards were met. Dual report to Director of Engineering and Senior Project Engineer.

- Received toys in various stages of development; worked with team to identify needed changes and report findings to manufacturing engineers in Hong Kong.
- Served as direct line of communication with Hong Kong for assigned product lines.
- Challenged to discover innovative solutions to various mechanical issues.
- Successfully assumed and performed responsibilities of Senior Project Engineer during a 2-week leave.



### **PONTILLUS CONSULTING, Inc., New York, NY (3 months)**

*One of the leading firms in the design and consulting industry. Pontillus provides planning, engineering, architecture, project management, and other related services to its clients. [www.pontillusconsulting.com](http://www.pontillusconsulting.com)*

#### **CIVIL ENGINEERING INTERN**

"Go-to-person" for all department members; participated in multiple civil engineering projects including structures, bridges, roadworks, and traffic. Performed multi-faceted responsibilities; cost estimation across the drawings of a project, creating a IWMPPP (Integrated Water Management Pollution Prevention Plan) document, and assisting with payroll.

- Independently completed the IWMPPP proposal document.