

Gavin DiRusso
215.326.9428
869 N. Lawrence St.
Philadelphia, PA 19123
April 11, 2011

To Whom It May Concern:

I am a highly motivated team leader who demonstrates excellent communication skills, enjoys challenging tasks and develops innovative solutions to problems within the construction industry. I have achieved a Bachelor of Science degree in Mechanical Engineering from Drexel University, well diverse experience in construction technical standards and practices as well as design. Together with hands on experience, I am a team leader who demonstrates the ability to evaluate and resolve project issues utilizing a combination of technical and field experience.

As a Project Manager (PM) I understand the importance of cost and schedule control, the significance of completing a project on budget, within the required timeframe and the major objectives of customer satisfaction. The role of PM prior responsibilities included experience with scheduling, estimating, value engineering, construction safety, contract agreements/administration, quality assurance, city and state permits, and coordinating and management of labor forces, for both commercial and residential construction.

I have specialized project experience dealing with LEED, sustainability and green roof design, including the supervision and quality control of systems installation. I have provided marketing and management of the sales division for a green roof business operation. Experience with grant application for energy and LEED certification, currently holds a certification from the Building Performance Institute for Energy Auditing from the Energy Coordination Agency in Philadelphia. I am currently holding an internship position with the Center of Environmental Protection assisting their Profitable Pathways division establish a sustainability network for our region's large corporations in hopes to create efficient and cost effective methods for sustainability standards.

Please consider my application for employment with the utmost deliberation.

Thank you for your time and consideration.

Sincerely,

Gavin J. DiRusso



Please visit my online portfolio at www.gavindirusso.tumblr.com

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GAVIN DIRUSSO

EDUCATION

- Drexel University** Philadelphia, PA
Bachelor of Science in Mechanical Engineering
Design & Manufacturing Concentration Graduated: June 2007
- Building Performance Institute** Philadelphia, PA
Certification from the Energy Coordinating Agency
Building Analyst Professional & Energy Auditing Graduating: March 2011

PROFESSIONAL EXPERIENCE

- Green Rehabilitation Project** Philadelphia, PA
Owner/General Contractor October 2009-Present
- Rehabilitating a 200-year-old three story brick row home from the ground up
 - Performing all carpentry, masonry, and labor work including custom concrete sinks and counters
 - Sub-contracting and scheduling laborers and professionals as required
 - Integrating energy efficient products and construction techniques including a living green roof
 - Performing all tasks within a budget and providing all engineering, and architectural plans
- BECDIR Construction Co.** Youngstown, OH & Harrisburg, PA
Area Operations Coordinator/Project Supervisor September 2008-October 2009
- Project supervisor on Penn DOT Project #74279 - Perry County
 - Managed crews' field activities and scheduling for the rehabilitation of a 300 foot concrete bridge
 - Prepared all payroll and schedules and handled Penn DOT correspondence
 - Completed project under budget and assisted in several BECDIR jobs in central PA
 - Coordinated pre-bid project searches in central PA
- Onion Flats** Philadelphia, PA
Green Roof Division Manager July 2007-August 2008
- Spearheaded green roof division and established industry recognition
 - Project/construction manager, foreman, and job site coordinator for all green roof installations
 - Negotiated contracts and project details between architects, owners, and general contractors
 - Performed cost estimations and design assistance for all green roof projects
 - Reduced project costs through value engineering, product research and creative install techniques

ACTIVITIES

- Installed PV solar panels and solar water heating systems for HELIO Power Systems, Philly 2010
- Assisted with special effects and photography for a \$20 million movie shoot, New Orleans 2010
- Photographer for Philly2Night.com event promotions, Philly 2010-Present
- Manage and operate a food vending cart selling DiRusso's Real Italian Sausage sandwiches, Philly
- 2nd place Red Bull soap box race team captain, Philly 2008
- Campus Activities Board 2004
- Captain of University champion flag football team 2003
- President of Undergraduate Class Council 2002 – 2003
- Webster Elementary School Volunteer 2002 – 2003

SKILLS

Proficient in MS Office Applications, Adobe Applications including Photoshop and Premiere, ANSYS, AutoCAD, Pro-Engineer (Wildfire), SolidWorks, Inventor Pro, Rapid Prototyping, Metal Work, Wood Work, Cement Work, Photography, Film, Social Networking, and Graphic Design

UNDERGRADUATE CO-OP EXPERIENCE

Environmental Tectonics Corporation

Engineering Co-op

Southampton, PA
March-September 2006

- Designed cockpits and components for high G-force training centrifuges
- Designed pedal and stick assemblies for fighter jet cockpits.
- Incorporated torques and motor output for appropriate flight simulation design.
- Created entire simulation platform, including seats, dome location and projector mount for underwater simulation ride.
- Used Inventor and Vault for 3D design and file management.

Havis-Shields Equipment Corporation

Lead Mechanical Engineer Assistant

Warminster, PA
March-September 2005

- Designed and engineered custom consoles for government vehicles.
- Prototyped and installed units into vehicles
- Managed parts log and coordinated part numbers through Adept
- Revised and converted mechanical drawings using Solidworks, Inventor, and AutoCAD

MS Consultants

Mechanical/Civil Engineering Technician

Columbus, OH
April-August 2004

- Provided specification critiques for civil/mechanical CAD drawings
- Worked with AUTODESK applications provided Isometric plumbing design
- Footer, parking, and lighting design for White Castle and Bob Evans restaurant projects