

Dan Cosma

1426 E. EMMERSON LN, MOUNT PROSPECT, IL, 60056 | (773)241-1591 | dcn.cosma@gmail.com

Education

ENGINEER | 07/15/1997 | POLYTECHNICAL INSTITUTE BUCHAREST

- Major: Mechanical Engineering
- Minor: Laser Manufacturing

POST GRADUATE COURSE | JUNE 2016| STANFORD UNIVERSITY-CA

- Course: Emerging Technologies

Skills & Abilities

- **SALES** - GOOD UNDERSTANDING OF DIFFERENCES BETWEEN STRATEGIES AND TACTICS, ABILITY TO REASON IN RELATION WITH COMPLEX VARIABLES
- **CRITICAL THINKING**
- **TECHNICAL UNDERSTANDING OF PROCESSES**
- **RESILIENCE** – HOLDING UP WELL UNDER PRESSURE, FINDING SOLUTIONS CREATIVELY
- **GOOD COMMUNICATION ABILITIES** – MAKE MYSELF UNDERSTOOD TO ANYONE
- **LEADERSHIP** – INSPIRING OTHERS TO PERFORM, CAPACITY TO ADMIT MY OWN WEAKNESSES, I AM LEARNING FROM EVERY PERSON I MEET, FROM ANY EVENT I'M PART OF.
- **ORGANIZED MIND** – HELP OTHERS TO PERFORM
- **RESULT ORIENTED** – I COULD BE USED TO GENERATE REAL, CONCRETE RESULTS
- **FUTURE MOTIVATED** – I AM CONSTANTLY STRIVING TO BUILD FUTURE AND MAKE THE PAST BETTER

Experience

INDEPENDENT CONTRACTOR / CERTIFIED PROFESSIONAL - BUILDING ANALYST/I.D.L| | 04/2016 - PRESENT

- For about 2 years I am active in Energy Efficiency audits and Energy modeling for residences and small commercial, being certified professional as Building Analysts with B.P.I (Building Performance Institute). The services I provide are more than 90% for HVAC projects, especially for permitting and code compliance. The services provided are:
 - Heating & Cooling Loads (Manual J)
 - Energy Audits
 - Air balancing calculations
 - Energy modeling
 - Blower door test
 - Duct blow test

I use Elite Software for Manual J and Snuggpro for energy modeling.

PROJECT MANAGER | RB HEATING & COOLING INC (PA) | 02/2015 - 04/2016

I was involved in all operations, for the local branch (Chicago area), coordinating the team and the local operations. This company's main market is mostly residential, our projects being in:

- installing ductless AC
- HRV's and ducting, generally mechanical ventilation
- Duct work
- installing and dimensioning electric heating (electric baseboard heaters)
- tankless hot water

Main tasks were:

- initial discussion with the clients, understanding the requirements, the local conditions, project's limitations and risks
- elaborate the request sheet for the design department (in Pittsburgh)
- supervising the parts procurement and the necessary planning.
- Overseeing the mounting, installation, and functioning, aiming to ensure the client's satisfaction
- Controlling:
 - project duration
 - cost
 - changes and/or adjustments

The experience was important for me, as long, as I had to face many situations, solve local details with very little supervision or not at all. I have learned a lot about market, clients, requirements, expectations, and I have found 1000 ways how not to do a project.

Interests

New technologies and new materials, Physics, Nanogrids.

PERSONAL INFORMATION:

I am 46 years old
I am married and have 1 son, age 13.