

GE Hitachi
Nuclear Energy

Information Systems Educators Conference

Tim Mellitt

CIO GE Hitachi Nuclear Energy

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HITACHI

Where's IT Heading?

How to prepare the next generation of IT talent

- My background
- Technology trends
- Undergraduate Skills preparation
 - GE IM Leadership Program (IMLP)
 - What College didn't prepare me for
- Closing thoughts



Background

My background ...

- Born and raised in Waterbury, CT
- BS - Computer Science – Marist College – 1987
- Allstate – Data Center Manager - 1987
- Otis Elevator/UTC - Programmer/Dev - 1989
- MBA - Operations Management – RPI – 1992
- General Electric – Project Leader - 1997
- Industrial 2 years, GE Capital 2 years – CT
- Appliances 7 years (3 roles) – Louisville, KY
- CIO GE Hitachi Nuclear Energy – 2009 – Current

leadership
ability

business
acumen

technical
aptitude

UNCW...a community partner

GE Hitachi Relationship

- Business School Advisory Board
- IT & OM Career Day
- Wilmington IT Exchange (WITX)
- ISA Club Sponsors & Guest Speakers
- Spring Business Week
- 4 Recent GE IM Leadership Program
- Alumni (CEO Caroline Reda, 5+ in IT)
- Summer Intern and year round Coop's

Partnership to develop students to be part of GE IMLP, GE direct hires, or strong IT talent for the community...



Technology trends

Enterprise Applications

Continue trend to Enterprise Applications (ERP, PLM, CRM), become **business process experts** not software developers/experts...

SAAS / XAAS

If our focus is **efficiency** (I agree) , relay on experts to run your applications and infrastructure for you...

Business Intelligence

Leveraging Enterprise **global** applications to turn data into business information ...

Mobile Technology / Social Media integration

Everyone has a hand held device, Gen Y to drive **Social Media Integration** into businesses

Security

Becomes part of every IT job, if you put your business data in a SAAS/XAAS is it secure? How do you **protect** your business Intellectual Property?

Undergraduate

Skills

Preparation

What college did not prepare me for:



1. Clear and concise communication is critical
2. Presentation skills, business communications
3. Problem solving and critical thinking
4. Working in teams and being team player
5. Time Management – knowing the most important things and then getting them done....you cannot do it all
6. Finance – Terminology plus how to apply in project estimation, delivery and measuring benefits.... Language of business
7. Software Methodology/Project Management
8. Exposure to real world technologies, what do large corporations utilize and why

Identify opportunities, projects and assignments to develop the skills throughout college to be successful in any work environment...

Closing thoughts....

Why should students consider an IT career?

- Problem solving skills development
- Analytical skills
- Project Management expertise
- Cross functional business knowledge
- Technology diversity
- Technology integration into products



What I look for in a IT hire...

- Integrity
- Ability to get things done – execute
- Passion for IT
- Initiative
- Business acumen
- *Desire for continuous learning*
- Teamwork (sports, classroom)
- Communications (written, verbal)



Ability is what you're capable of doing.

Motivation determines what you do.

Attitude determines how well you do it.

....Lou Holtz

Preparing for the future

- Technology is rapidly changing.... but
- The fundamental IT skillset hasn't changed
 - Business fundamentals
 - ROI, contract negotiation, forecasting, process understanding
 - Solid understanding of SDLC
 - Project Management
 - Customer service mindset
 - Partner with clients/teams



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