Robert Hansen

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EDUCATION:

Penn State Erie, The Behrend College   Graduation: May 2016
Bachelor of Science – Computer Science
Minor – Video Game Development & Management Information Systems

TECHNICAL EXPERIENCE:

Erie Insurance   Aug 2015 – Present
Spatial Analysis and Structural Recording Tool Developer (To be completed in May 2016)
- Worked on a team of four to develop a tool to be used with the Project Tango
  - Tool will be able to create a 3D scan of an environment
  - Can add measurements onto the environment and save them in 3D space
  - Use these measurements to calculate the necessary data to create insurance claims

Westinghouse Electric Company   May 2015 – Aug. 2015
Nuclear Automation Intern
- Computerized operating plant procedures
- Programmed new technology to be used in nuclear power plants
- Developed an interactive interface that utilized the AP1000 power plant parameters
- Optimized a process for new nuclear power plants

LEADERSHIP EXPERIENCE:

President ACM (Association for Computing Machinery) - Penn State Behrend   May 2015 – Present
- Finalized the Club creation process by working with the Student Government Association
- Increased club membership and member participation
- Organized club and school activities for students to learn and create their own projects
  - Local Hack Day
  - HackPSU
  - Club Projects (Development of a club website)

Penn State Hackathon (24 Hour Event) – Competition Winner   March 2015
- Developed a game to educate the population about the economic process of Bitcoin
- Used a sponsor's API (Blockchain) to improve the game and gather real time data of the purchasing and selling of bitcoins
- Managed a team of four
  - Developed idea & defined scope of the project
  - Assigned tasks to team members
  - Monitored group progress

International Robo-Games (4th place) – San Francisco, CA   March 2012
- Worked with a team to build a combat robot and compete against teams from around the world

SOFTWARE SKILLS:

C++	Java	C
Assembly	C#	AutoDesk
JavaScript	SQL	OpenGL
Unity 3D	Python	XML
RESTful	SOAP	Databases