

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 Google 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 ideas & 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 to compete against teams from around the world

SOFTWARE SKILLS:

Experienced in:

C++
Java
C

Familiar With:

C#, Python, Assembly (MIPS),
Javascript, CSS, HTML, SQL,
OpenGL, XML, Databases

Tools/Technology:

Visual Studio, NetBeans,
Kali Linux, Ubuntu
Linux, GitHub,
AutoDesk, Eclipse