

# Kimberly A. Walker

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## Education

### **Indiana University, Bloomington, IN**

*Bachelor of Science in Physics*

Minor in Computer Science and Mathematics, GPA: 2.972

(May 2014)

### **Rose-Hulman Institute of Technology, Terre Haute, IN**

Studied *Electrical Engineering*, GPA: 2.9

(August-December 2010)

## Work Experience

### **Oak Ridge National Laboratory, Oak Ridge, TN**

*Research Alliance in Math and Science (RAMS) Intern*

(May 2012 – August 2012)

- Analyze data from Hurricane Irene using the National Outage Map on the Visualizing Energy Resources Dynamically on Earth (VERDE) system along with Google Earth to determine and create fragility maps to understand what factors affect power loss during a storm to insure future power stability.
- This website goes into further detail about my research project.  
[http://info.ornl.gov/sites/rams2012/k\\_walker](http://info.ornl.gov/sites/rams2012/k_walker)  
It is best to view the site on Internet Explorer and Mozilla Firefox.

### **Auxiliary Information Technology (AIT), Bloomington, IN**

*Client Services at Indiana University*

(February 2012-May 2012)

- Built and deployed computers for clients.
- Helped clients fix their computer problems.
- Tagged and documented the various machines located throughout the campus.
- Assisted with documenting monthly billing.

### **Marriott Hotel, Fort Wayne, IN**

*Seasonal Employee in Banquets and Housekeeping*

(May-August 2011)

- Set-up banquet events such as wedding receptions and reunions.  
Set-up included polishing silverware, setting tables and chairs.
- Worked with small groups of two or three to serve guests a three course meal.
- Cleaned about a total of 17 double and king rooms a day.  
Cleaning included changing and making beds, a thorough bathroom scrub, dusting, and vacuuming.

### **Rose-Hulman Institute of Technology, Terre Haute, IN**

*Art Curator Assistant*

(September-December 2010)

- Cleaned all the artwork around campus that included paintings, carvings, and sculptures.
- Measured and cut mats and glass to reframe artwork with other employees.
- Assisted with the Art Gallery Event that displayed works of art from local artists to the general public by introducing guests to artists and providing information about the art.

## Volunteer Experience

### **Indiana University's Physics and Astronomy Open House, Bloomington, IN**

(November 5, 2011)

- Executed Physics demonstrations to the Open House's guests

### **Canterbury Retirement and Rehabilitation Center, Fort Wayne, IN**

(May-July 2008, May-July 2009)

- Played piano for residents
- Supervised games and arts and crafts events for residents
- Assisted with taking residents to fast-food restaurants once a week

### **Sunrise Retirement Home, Fort Wayne, IN**

(Fall 2007)

- Played cards and games with the residents.

## **Skills**

### **Computer Languages & Software**

- ArcGIS 10
- Java
- Scheme
- Visualizing Energy Resources Dynamically on Earth (VERDE)

### **Languages**

- Japanese (currently studying)
- Spanish (studied for eleven years)

## **Student Activities**

### **Faculty Colloquium on Excellence in Teaching (FACET)/**

**Scholarship of Teaching and Learning (SOTL) Perspectives on Student Learning**, Bloomington, IN (April 27, 2012)

- Collaborated with my Computer Science professor, Adrian German, to devise a way to better remember code and apply it to a test situation.
- Completed a series of code exercises of fill in the blank where the exercise told me if I was correct
- Participated in a roundtable discussion and presentation of the project

### **Liberty Mutual Scholar at InWIC 2012**, Spencer, IN

(February 10-11 2012)

- Received a scholarship sponsored by Liberty Mutual to attend Indiana Celebration Of Women In Computing conference.

### **Tae Kwon Do**, IU Bloomington, IN

(August 2011- present)

- Meet twice a week to learn the skills and techniques of Tae Kwon Do.

### **All-Campus Band**, IU Bloomington, IN

(January 2011-November 2011)

- Met once a week with fellow students.
- Played a wide range of percussion instruments and performed once per semester.

### **Concert Band**, Rose-Hulman Institute of Technology Terre Haute, IN

(August-December 2010)

- Met once a week with fellow students.
- Played a wide range of percussion instruments and performed once per quarter (10 weeks).