

# Lindsay M. Williams

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## COMPUTER SKILLS:

Languages: *Large projects* •VBA •(X)HTML •CSS •SQL •Perl •Python •C, C++; *Small projects* •PHP •Lua •JavaScript  
Database Software: •MySQL 5.2.9 •phpMyAdmin 2.11.9.5 •PostgreSQL 8.3 •pgAdmin III 1.8 •Access 2007/2010 •RRDtool  
Editing and Creation Software: • Adobe (Photoshop, Illustrator, Dreamweaver, and Premiere) •Panda3D  
Other Software and CMS: • Microsoft Office Suite • Perforce • SSH Secure Shell • TWiki •Drupal

## EDUCATION:

Carnegie Mellon University, Entertainment Technology Center; 1 year - no degree; Cumulative GPA 3.64;  
A two year interdisciplinary program that brings together teams of technologists and artists to produce innovative entertainment experiences.  
University at Albany, State University of New York; Bachelor of Science: Computer Science; May 2008;  
Cumulative GPA: 3.71; Minor: Physics

## WORK EXPERIENCE:

KPMG LLP; New York, NY Aug. 2010 – Current

- Associate Advisory : VBA, SQL, MS Access 2007, MS Excel 2007
- Build and test a front end application for an Access database that includes the ability to upload documents, search data, and generate static and custom reports
- Create and manage data, data structures, and queries in the database

Security and Data; New York, NY Sept. 2009 – Aug 2010

- Web and Database Developer : (X)HTML, CSS, JavaScript, PHP, Drupal, SQL, MySQL, MS Access
- Develop and revise websites and databases based on client specifications

Ecological, LLC; New York, NY Dec. 2009 – Jul.2010

- Access Programmer : VBA, SQL, XML, XSLT, MS Access 2010, Energy Star ABS Web Service
- Build, test, and support a front end application for an Access database that includes input and export forms, batch processing, external connections, user management, queries, and partially automated processes
- Manage data, data structures, and queries in the database
- Write user documentation and technical specifications
- Research technologies to enhance the database and application

Barnes and Noble Booksellers; New York, NY Nov.-Dec. 2009

- Technical Contractor : (X)HTML, Perl, CSS, TWiki, TML
- Formatted an internal TWiki used to improve communication
  - Added and edited modules, Set up security measures, Created templates for easier editing and page creation
- Document how to use the TWiki for future users

NYS Office for Technology: CNS Level 3; Albany, NY Jan.-Aug. 2008

- Programmer : Perl, MS Access, SQL, (X)HTML, CSS, RRDtool, PostgreSQL, pgAdmin III
- Designed and implemented a database to help monitor New York State's WAN
- Connected office monitoring tools, graphs, and databases by creating and managing web interfaces
- Created an application to track and graph web proxy usage

## EDUCATIONAL ACTIVITIES:

G.I.R.L. Tech Jan.-May 2009

- Pitch project: Programmer, Designer, and Mentor : Python, Panda3D, Phidgets
- Designed and developed an installation for the Children's Museum of Pittsburgh
- Developed a drawing program for children ages 2-7
- Programmed and installed electronics onto the installation
- Mentored high school girls in computer science and engineering

HONORS: • Member of Phi Beta Kappa • Presidential Scholar Award at the University at Albany

- Member of Presidential Honor Society at the University at Albany