

## Work Experience

### **Instructional Technology and Communication Assistant**

DoIT Academic Technology, University of Wisconsin at Madison

*2013–present  
Madison, WI*

- Development in JavaScript, CSS and HTML for ARIS and SIFTR.
- Game design, testing, and user training on ARIS.
- MOOC forum moderation and tech support.
- Case Scenario/Critical Reader digital narrative tool technical support.
- Academic Technology technical support for campus faculty and staff.

### **Director of Religious Education**

James Reeb Unitarian Universalist Congregation

*2011–2014  
Madison, WI*

- Recruited, trained, and supervised over 20 volunteer teachers per semester.
- Coordinated inspiring and meaningful curriculum activities across 5 classrooms (ages 0 – 18).
- Organized community building workshops, fairs and events.
- Created and maintained digital pedagogy support and communication tools.

### **Technical Support Coordinator**

United Cerebral Palsy of Greater Dane County

*2012–2013  
Madison, WI*

- Provided technical support and training for over 65 Windows and iPad users.
- Administered Windows Server 2008, Exchange 2010, anti-virus, security, and backup systems.
- Developed organization-wide technology strategy to take advantage of new digital tools.

### **Volunteer Coordinator of Educational Technology**

Sector67

*2012  
Madison, WI*

- Organized and taught courses on technology topics, including Linux, Java, and Technology for Students.

### **Adjunct Instructor of Information Technology**

ITT Technical Institute

*2011  
Madison, WI*

- Taught Introduction to the PC, Windows 7, and Linux System Administration.

### **Program Chair of Information Technology**

Globe University East

*2010–2011  
Madison, WI*

- Provided programmatic support for students and faculty with training, advising, recruitment, and hiring.
- Developed and maintained facility and curriculum resources, including a Blackboard implementation.
- Organized and led community workshops.
- Taught a variety of IT courses, including Operating Systems, Microsoft Office, Keyboarding, and Introduction to Computer Literacy.

**Database Design Volunteer**  
Grassroots Leadership College

2010–2012  
Madison, WI

- Re-designed FileMaker databases for conversion to CiviCRM; recovered data with Pentaho.
- Led a committee of IT volunteers in setting a new IT vision.
- Troubleshoot general office technology issues and provided various tech trainings.

**Peace Corps Information and Communication Technology (ICT) Teacher Volunteer** 2007–2010  
Peace Corps Ghana Nalerigu, Ghana; Mampong, Ghana

- Creatively used limited resources to teach hands-on skills and theory to over 850 high school students, 200 elementary students, and 220 adults. Class sizes ranged from 4 to 70 students.
- Set up, administered and designed curriculum for one of the first networked dual boot Ubuntu Linux/Windows XP labs in Ghana.
- Mentored 5 high-school and university teachers with lesson planning and instructional design.
- Trained dozens of academic staff members in basic computer skills, hardware repair, software installations, and lab administration.
- Coordinated and produced student cultural dance and HIV/AIDS educational video projects.
- Helped organize the website, served as a group leader, and taught ICT at 3 annual week-long STARS (Students Taking Action Reaching For Success) high-school conferences.
- Created, promoted and distributed the ICT Resource CD for ICT teachers and students, which contained a full range of culturally appropriate instructional materials including lesson plans, exams, textbooks, educational open source software, and classroom technology tips.
- Coordinated the ICT Think-Tank: representing over 140 volunteers, this committee worked on dozens of cutting-edge technology projects, including designing and creating informational websites, writing educational computer lab manuals, and developing the Library Linux operating system.
- Organized and led the ICT technical training for incoming volunteers at numerous workshops and conferences.
- Organized and led four clubs (Staff Ubuntu Linux Club, Elective ICT Club, Websites and Internet Club, and the Middle School Girls Club) and coordinated projects with an HIV/AIDS club.

**ESL Computer Tutor Volunteer**  
Minnesota Literacy Council

2006–2007  
Minneapolis, MN

- Tutored ESL adults in basic computer skills.

**Information Support Specialist**  
McQuay International

2005–2006  
Minneapolis, MN

- Provided phone and email based training and troubleshooting for international sales reps and engineers.
- Created a new documentation database with tutorial documents for three major systems.

**Programmer, Web Developer and System Administrator**  
Center for Demography in Health and Aging

2002–2005  
Madison, WI

- Developed CDHA's website using HTML, CSS, DreamWeaver and Photoshop.
- Designed PHP forms with dynamically linked ASP and SQL databases.
- Wrote extensive documentation for the IT systems and protocols.
- Administered the OLDR (Off-line Longitudinal Data Repository) Red Hat Linux system.

## Education

### **Master's student in Digital Media, School of Education**

University of Wisconsin-Madison

2013–present

Madison, WI

- Completed courses in 'Interactive Media & Computing in the Curriculum', 'Mentorship in Participatory Cultures', 'Human Abilities and Learning', 'Technology Leadership', 'Introducing Comp Sci to K-12', 'Current topics in Science & Technology Studies', 'Constructionism', 'Digital Media and Learning', 'Design in Virtual Reality', 'Research in Computing Education', 'Tools for Thought', and 'Research in Human Computer Interaction'.

### **B.Sc in Computer Science**

University of Wisconsin-Madison

2004

Madison, WI

## Select Workshops and Trainings

### **Humanitarian Free and Open Source Software Workshop**

ACM SIGSCE (Special Interest Group Computer Science Education) Conference

2014

Atlanta, GA

### **Peace Corps Pre-Service Training**

Peace Corps Ghana

2007

Ghana, West Africa

- Community development and local needs assessment, teaching methodology, technology in development, HIV/AIDS and the Mamprusi language (10 weeks).

### **ESL Training**

Minnesota Literacy Council

2005-2010

Minneapolis, MN

- MLC certification course in ESL teaching (12 hours).

## Publications

Caroline D. Hardin. *A Day on the Planet*, chapter A Day as a Computer Teacher in Ghana. Engelsdorfer Verlag, Leipzig, 2010.

Caroline D. Hardin. *Free and Open Source Software and Technology for Sustainable Development*, chapter Free and Open Source Software in School Communities: An Experience Report from Peace Corps Volunteers in Ghana. United Nations University Press, Tokyo, 2012.

## Conference Presentations

<b>Brick in the Wall vs. Hole in the Wall: Education for hackers and hacking education</b> BSides Las Vegas	2014 <i>Las Vegas, NV</i>
<b>Free and Open Source Software in School Communities</b> Open Source Systems Conference	2012 <i>Hammamet, Tunisia</i>
<b>Free as in Freedom: the vision of open source software in education</b> Software Freedom Day	2012 <i>Monastir, Tunisia</i>
<b>Using Technology in the Ghanaian Classroom</b> BarCamp Ghana	2009 <i>Accra, Ghana</i>
<b>The Promise and Potential of Open Source Software in Education</b> Free and Open Source Software Day	2009 <i>Accra, Ghana</i>

## Conference and Workshop Leadership

<b>Mentor</b> Made w/ Code at BadgerBOTS	2015 <i>Middleton, WI</i>
<b>CS Curriculum Designer</b> Wisconsin Science Festival	2014 <i>Madison, WI</i>
<b>Wearable Electronics Curriculum Designer</b> Cyber Learning Club	2014 <i>New Glarus, WI</i>
<b>Awards Designer</b> Games and Learning Society Conference	2014 <i>Madison, WI</i>
<b>Co-organizer</b> UW Women's Hackathon	2014 <i>Madison, WI</i>
<b>Artistic Director</b> Steam Century	2013–2014 <i>Madison, WI</i>
<b>Lead Organizer</b> Women's Design-a-thon	2013 <i>Madison, WI</i>