

GRACEN BRILMYER

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ACCESSIBILITY THROUGH UI/UX DESIGN

EDUCATION

The School of Information, UC Berkeley, Berkeley CA, 2014 - Present
Master of Information and Management Systems
Focus: Accessibility & User Interface Design

The School of the Art Institute of Chicago, Chicago, IL, 2004 - 2008
Bachelors in Fine Arts
Concentration: Animation and Printmaking

Harold Washington College, Chicago, IL
Course: Fundamentals of Vector GIS

Chicago Park District, 2010
Course: American Sign Language

Folkuniversitetet, Stockholm, Sweden, 2009
Certificate in Intermediate (B1) Swedish

WORK & PROFESSIONAL EXPERIENCE

Essig Museum of Entomology, UC Berkeley, Berkeley CA, 2014 - Present
Research Assistant

Designing web search interface for CalBug digitization project using Flask and MySQL; train and manage 10 interns for specimen digitization

The Field Museum of Natural History, Chicago, IL, 2011-2014
Research Assistant

Designed and managed digitization initiative for over 1 million museum specimens; designed voice-recognition databasing protocols; performed bulk data imports and exports from KE Emu using Microsoft Excel and Access to create relational data models; trained and managed 20 interns and volunteers; designed educational and outreach materials with Adobe InDesign, Photoshop and Illustrator

SKILLS

DESIGN

InDesign Illustrator
Photoshop Dreamweaver

PROGRAMMING

Python JavaScript
CSS Flask
HTML jQuery
RDFa

DATA PROCESSING

KeEMU ArcGIS
Microsoft Excel MySQL
Microsoft Access JSON

WORK & PROFESSIONAL EXPERIENCE cont.

Oregon State Arthropod Collection, Oregon State University, Corvallis, OR, 2010-2011

Digitization Specialist

Designed museum databasing and imaging protocols; hired, trained, and managed a team of 15 student workers in data collection and image capturing in Adobe Lightroom, Microsoft Excel and Drupal; produced high resolution images of museum specimens

Gallery 1837, 2005-2010

Gallery Assistant, Art Teacher

Designed and produced promotional items in Adobe InDesign and gallery blog in WordPress; organized and installed exhibitions; taught weekly private art classes focusing on painting and drawing; organized and taught summer art camp for children ages 5-12

Naturhistoriska Riksmuseet, Stockholm, Sweden, 2009

Research Assistant

Digitized water beetle specimens; databased historic and contemporary collection information for a new species description for publication

The School of the Art Institute of Chicago, Chicago, IL, 2009

Guest Lecturer

The Insect World taught by Dr. Andrew Yang – Lectured on the importance and use of biological collections; taught specimen identification and preparation; led insect collecting trips

PROJECTS & VOLUNTEER EXPERIENCE

Hack the Hearst Hackathon, The Hearst Museum on Anthropology, September 2014

Project Manager, UX/UI Designer

Awards: Best Overall App, Best Heritage App

Oakland Public Library, Oakland, CA 2014 - Present

Computer Docent

Facilitate library patrons in developing basic computer skills such as learning word processing and completing on-line applications

Information Management Student Association, UC Berkeley, 2014 - Present

Social Justice Chair

Lead the first service initiative that focuses on increasing accessibility and incorporating and underrepresented perspectives into student events; aggregate technology-based opportunities for community engagement; organize student volunteer outings

Disability and Sexuality Studies Working Group, UC Berkeley, 2014 - Present

Founder, Co-Organizer

Organize monthly meetings to engage the broader East Bay community in disability scholarship and activism; curate readings to more deeply engage with current events, screenings, and performances

Women in Science, Field Museum of Natural History, 2012-2014

Steering Committee Member, Internship Program Coordinator

Organized and lead a team to establish internship program hosting high school and undergraduate students; facilitated interns engaging museum visitors in scientific research