Lars Z. Mackenzie

Experience

Digital Technology Specialist
University of Minnesota, October 2018 - March 2019 (grant-funded temporary position)
- Build and maintain a WordPress site for a faculty research project.
- Coordinate with cross-functional teams to manage video processing workflows; decide upon metadata categorization for cross-platform usage.
- Manage website backups and version control.
- Help develop project identity and promote mission through social media branding.

Freelance Software Developer
Self-Employed, May 2016 - present
- Develop and maintain web applications for a range of clients from small business owners to educators.
- Communicate with clients about project scope.
- Track project budgets and create invoices.
- Manage digital media resources and cloud-based web hosting.
- Design mobile-responsive user interfaces.
- Debug and maintain applications.
- Develop scalable and efficient databases.

Graduate Instructor
University of Minnesota, Fall 2016, Summer 2017, and Summer 2018
- Developed original curricula, assignments, and evaluation tools to communicate complex ideas to a diverse group of learners.
- Facilitated group dialogues, delivered multimedia presentations, and mentored undergraduate students in critical thinking, writing, and oral presentation skills.
- Taught in-person and online, incorporating opportunities for engagement for online students.

Program Coordinator
University of Minnesota, August 2015 - May 2017
- Organized public events and funding opportunities.
- Evaluated program goals through surveys and assessments with key stakeholders.
- Reported finances and program updates to the Advisory Board quarterly.
- Mentored undergraduate staff.
- Developed and facilitated workshops and trainings.

Digital Humanities Project Coordinator
University of Minnesota, May 2014 - May 2016 (grant-funded position)
- Provided consultations to faculty on design and evaluation for digital scholarship and digital pedagogy projects.
- Taught students to produce multimedia video projects and digital maps; supported multimedia production through audio and video editing, storyboarding, and script editing.
- Managed the production of interactive web-based educational modules and videos.

- Wrote multi-year grants to fund digital humanities initiatives within a liberal arts department.
- Developed web content aligned with departmental vision and mission.
- Coordinated with a cross-departmental team of technologists to manage digital content.
- Developed and facilitated workshops and trainings.
- Supervised undergraduate staff.
- Supported the development of two online courses.

Doctoral Researcher

University of Minnesota, September 2012 - February 2019
- Explored the impact of data-driven decision-making on people based on gender and race.
- Collaborated with colleagues to assemble panels at national conferences.
- Conceived, developed, funded, executed, and reported results of a mixed-methods qualitative research project that makes original and substantial contributions to bodies of knowledge.
- Published a peer-reviewed article and several public-oriented blog posts based on findings.
- Recruited and interviewed research participants, transcribed recordings, and coded results using ATLAS.ti.

Supervisor

loveisrespect, The National Dating Abuse Helpline, October 2011 - July 2012
- Coached staff through chats, calls, and texts, providing regular feedback.
- Developed and facilitated trainings and workshops.
- Developed protocols to improve digital services operations.
- Participated in weekly leadership meetings.
- Ensured adherence to data entry requirements for all staff.

Technical and Professional Skills

Web Development: JavaScript, HTML, CSS, Python, PostgreSQL, RESTful APIs
Data Visualization and Analysis: Chart.js, D3, Atlas.ti, NVivo, R, ArcGIS
Media Production: iMovie, Final Cut Pro, GarageBand, ArcGIS StoryMaps, Audacity
Content Management Systems: WordPress, Scalar, Drupal, Omeka, Moodle, Canvas, Articulate Storyline

Education

Doctor of Philosophy, February 2019
Department of Gender, Women, and Sexuality Studies, University of Minnesota, Minneapolis, MN
Areas of concentration: technology, critical data studies, LGBT studies

Full-Stack Software Engineering Certificate, October 2018
Prime Digital Academy, Minneapolis, MN

Bachelor of Arts, May 2010
School of Humanities, Arts, and Cultural Studies, Hampshire College, Amherst, MA
Areas of concentration: U.S. history, television, forensic technologies