

ALISON H LINK

EDUCATION

University of Minnesota – Twin Cities MGIS, Master of Geographic Information Science	Expected Summer 2019
University of Minnesota – Twin Cities M.A., Multicultural College Teaching and Learning Graduate Minor, Evaluation Studies	2013
Capstone: <i>Technology Adoption in Higher Education: Applying and Expanding Rogers' Diffusion of Innovations Theory and the Technology Acceptance Model</i> Extracurricular Activities: Representative to Graduate and Professional Student Assembly Related Coursework: Principles and Methods of Evaluation; Statistical Methods in Education: Regression; Ruby, Rails, and the Web; Spatial Database Design; Geovisualization	
Grinnell College B.A., International Relations GPA: 3.96 / 4.0 Thesis: <i>"Die Moral einer Sprache": German Linguistic (Self-)Consciousness Post-War and Post-Wall</i> Extracurricular Activities: Marimba and Percussion Ensemble; Grinnell Internationalization Group	2008
Albert-Ludwigs Universität; Freiburg, Germany Study Abroad	Fall 2006 – Spring 2007

PROFESSIONAL DEVELOPMENT

DATA ANALYSIS & STATISTICS

Data Analysis – Johns Hopkins University, Coursera	March 2013
Statistical Inference – Johns Hopkins University, Coursera	October 2015
Regression Models – Johns Hopkins University, Coursera	November 2015
Practical Machine Learning – Johns Hopkins University, Coursera	January 2016
Bayesian Statistics – Duke University, Coursera	September 2016

PROGRAMMING

"Ditact" Women's IT Summer Studies Program – University of Salzburg, Austria	Summer 2008
Visual Analytics with D3.js – Library Juice Academy	February 2015
Introduction to Interactive Programming in Python – Rice University, Coursera	June 2016

AWARDS AND HONORS

Member, Phi Beta Kappa – Beta of Iowa	
Access Achievement Award, University of Minnesota Office for Equity and Diversity	October 2014
U.S. Department of State Critical Language Scholarship; Ankara, Turkey	June – July 2011

TEACHING EXPERIENCE

Austrian Fulbright Commission, Vienna, Austria English Language Teaching Assistant	2008 – 2010
- Worked with diverse population of students aged 14-19 (30-70% with immigrant background)	
- Created and led lessons on current events and cultural topics affecting the English-speaking world	

WORK EXPERIENCE

University of Minnesota – Academic Support Resources Data/Analytics Developer	2017 – present
- Develop and publish enterprise-wide reports available to faculty, academic advisors, and other University staff using Oracle Business Intelligence tools, Tableau	
- Prototype data visualizations and analyses in R and Python	
University of Minnesota - College of Liberal Arts Educational Technologies Consultant	2015 – 2017

- Offered data analysis support and high-touch technology outreach on several large-scale initiatives, including the college's First Year Experience and the college's student learning analytics platform
- Collected and synthesized user feedback to support requirements gathering for the University's learning management systems (Moodle, Canvas)
- Helped design curriculum and deliver workshops for graduate students on R, ggplot, and GitHub for data management
- Offered project support for Digital Arts, Sciences + Humanities (DASH) initiatives, including: teaching basic scripting and data visualization (R, Tableau); offering user support for hosted web platforms (Wordpress, Drupal, Google Analytics)
- Created prototype web applications for liberal arts teaching & research using HTML/CSS and lightweight frontend JavaScript frameworks (React, jQuery, D3.js)

University of Minnesota - Extension

Academic Technologist

2013 – 2015

- Acted as project lead for system-wide "Make Moodle Better" initiative to gather community input and shape user requirements for campus LMS improvements; coordinated cross-campus needs analysis survey and developed a community-facing results analysis tool using R-Shiny
- Worked with diverse program teams, collaborating both remotely and in-person, to identify and apply technologies enhancing Extension outreach across the state and region
- Supported online course design, hybrid course design, webinar/remote outreach design, video production, LMS and software assessment, and foundational requirements gathering for software development
- Developed and delivered organization-wide workshops and webinars on academic technology topics

University of Minnesota, College of Education + Human Development

Instructional Technology Fellow

2011 – 2013

- Helped faculty identify appropriate learning technologies and adapt them for classroom use
- Assisted with training and troubleshooting for course websites, media and instructional software

University of Minnesota, College of Education + Human Development

Research Assistant

2011

- Worked with research team to plan and implement research agenda surrounding the College's iPad initiative
- Designed survey and interview instruments and carried out qualitative and quantitative data collection to capture faculty and student experiences using iPads
- Orchestrated the collection of faculty testimonials and "best practices" in iPad classroom use

The Minnesota Daily, Minneapolis, MN

Network Administrator

2010 – 2011

- Collaborated with the Information Systems team to implement and document network updates
- Provided end-user tech support for an office of about 100 employees
- Designed and conducted employee survey for institutional research purposes

Concordia Language Villages, Bemidji, MN

Business Manager, Staff Counselor

2005 – 2009

- Managed budgeting, purchasing, and on-site technology
- Coordinated public relations with parents, camp administrators, and visiting teachers and guests
- Taught short courses in German language and cultural studies

State Center for Civic Education, Freiburg, Germany

Intern

2006 – 2007

- Gave bilingual presentations representing the organization to students and adult learners
- Created German-language content for political and current affairs seminars for adult learners and elementary students

RELATED EXPERIENCE / ACTIVITIES

Co-Captain, Open Twin Cities

2015 - present

Help lead a community group focused on open data/open government/civic technology; facilitate meetings, attend hackathons, and coordinate guest speakers; offer occasional presentations at community events

Urban Culture in Theory and Action Summer School, University of Copenhagen , Copenhagen, Denmark Attended an intensive summer course through the University of Copenhagen featuring embedded workshops and group projects throughout the city exploring arts and cultural programming in European urban contexts	Summer 2017
Soliya Connect Program Facilitator Participated in 20-hour facilitator training; co-facilitated weekly 2-hour online cross-cultural discussions with undergraduate students from Western and predominantly Muslim countries	Fall 2012
“Ditact” Women’s IT Summer Studies Program , Salzburg, Austria Attended a 2-week “Informatik Intensiv” module course through the University of Salzburg’s ICT&S Center to gain exposure to basic networking, hardware, Linux, and Java concepts	Summer 2008
Grinnell Prison Writers’ Workshop , Newton, Iowa Designed curriculum and taught weekly literature and ESL classes at the Newton Men’s Correctional Facility and the Iowa Correctional Institution for Women	2006 – 2008
Grinnell College Internationalization Group Inaugural member of group founded in Fall Semester 2007; helped plan networking events for students returning from study abroad experiences; organized end-of-the-year international alumni careers panel	2007 – 2008
Université de Montréal Summer Intensive French Program Attended 3-week intensive courses in French language and Canadian history through the University’s Faculté de l’éducation permanente	Summer 2005, 2006

PRESENTATIONS

<i>“BubbleMachine (v. 3.0): Converting an Interactive, Real-time Musical Analysis Tool from Flash to HTML5”</i> Paper co-presented at CMS-ATMI National Conference, Santa Fe, NM	October 2016
<i>“Decoding the Database: A Critical Analysis of Open Source GIS Tools for Humanistic Mapping”</i> Paper presented at Digital Humanities Forum, Lawrence, KS	October 2016
<i>“Social Network Analysis in R”</i> Volunteer presentation at the Twin Cities R Users’ Group, St. Paul, MN	November 2015
<i>“Starting Conversations for More Accessible Maps”</i> Session co-presented at North American Cartographic Information Society (NACIS), Minneapolis, MN	October 2015
<i>“5 Words You Never Thought You’d Hear at the eLearning Summit: The Cognitive Science of Clickbait”</i> Session co-presented at Minnesota eLearning Summit, Minneapolis, MN	July 2015
<i>“Vision and Action: A Three-Year Retrospective on a Large-Scale Mobile Initiative”</i> Session co-presented at EDUCAUSE Learning Initiative Annual Meeting, New Orleans, LA	February 2014
<i>“Geeking Out with iPads: Undergraduate Instructors Discuss Their Experiences During the First Year of a Large-Scale Tablet Initiative”</i> Poster presented at AACE E-Learn Conference, Montreal, Canada	March 2012
<i>“‘Making Things Better’: The Role of Leadership in Evaluation Use”</i> Paper co-presented at 8 th International Conference on Evaluation for Practice, Pori, Finland	June 2012
<i>“Internet Focus Group Interviewing”</i> Workshop co-presented at Minnesota Evaluation Studies Institute Conference, Minneapolis, MN	March 2012

PUBLICATIONS

<i>“Minding the gaps: Mobile Technologies and Student Perceptions of Technology”</i> Paper co-authored and published in <i>International HETL Review</i> , Vol. 4, Article 1	January 2014
<i>“iPads in an Algebra Writing Assignment”</i>	

Paper co-authored and published in *Academic Exchange Quarterly*

Summer 2013

"From Synchronous to Asynchronous: Researching Online Focus Group Platforms"

Chapter co-authored and published in *Cultivating Change in the Academy: 50+ Stories from the Digital Frontlines at the University of Minnesota in 2012*

July 2012

ADDITIONAL SKILLS

Microsoft Office suite (including statistical analysis in Excel)

LANGUAGES

English – native language

German – advanced professional competence

French – professional competence

Turkish – limited working competence

PROFESSIONAL AFFILIATIONS

American Evaluation Association

Minnesota Evaluation Association

EDUCAUSE