

ALISON H LINK

EDUCATION

- University of Minnesota – Twin Cities
MGIS, Master of Geographic Information Science **2019**
- University of Minnesota – Twin Cities
M.A., Multicultural College Teaching and Learning
Graduate Minor, Evaluation Studies **2013**
- Grinnell College
B.A., International Relations **2008**
Study Abroad: Albert-Ludwigs Universität; Freiburg, Germany

WORK EXPERIENCE

- University of Minnesota – Academic Support Resources
Data/Analytics Developer **2017 – present**
 - Develop enterprise-wide reports using Oracle Business Intelligence tools, Tableau
 - Spearhead annual “Day of Data” event engaging students, faculty, and staff across the University system in hands-on data workshops and cross-disciplinary networking opportunities
 - Leverage R (tidymodels) for persistence risk modeling to help inform advisor outreach to students who are at risk of leaving the University
- University of Minnesota - College of Liberal Arts
Educational Technologies Consultant **2015 – 2017**
 - Helped design and deliver workshops for graduate students on R, ggplot, and GitHub for data management and reproducibility
 - Created prototype web applications 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 for campus LMS improvements; coordinated cross-campus needs analysis survey and developed a community-facing results analysis tool using RShiny
 - Worked with diverse teams in areas ranging from community and family development to agriculture and natural resources; helped staff apply technologies enhancing outreach across the state and region
- University of Minnesota, College of Education and Human Development
Instructional Technology Fellow / Research Assistant **2011 – 2013**
 - Assisted with training and troubleshooting for course websites, media and instructional software
 - Designed survey and interview instruments and carried out qualitative and quantitative data collection to capture faculty and student experiences during the College’s iPad initiative
- 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
- 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

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
- Concordia Language Villages, Bemidji, MN
Staff Counselor, Business Manager 2005 – 2009
 - Taught short courses in German language and cultural studies
 - Managed budgeting, purchasing, and on-site technology
 - Coordinated public relations with parents, camp administrators, and visiting teachers and guests
- Grinnell Prison Writers' Workshop**, Newton, Iowa 2006 – 2008
 - Designed curriculum and taught weekly literature and ESL classes at the Newton Men's Correctional Facility and the Iowa Correctional Institution for Women

ADDITIONAL EXPERIENCE / ACTIVITIES

- Co-Captain, Open Twin Cities** 2015 - present
 Help lead a community group focused on open data/open government/civic technology; facilitate meetings, coordinate guest speakers, work with local partners to host annual "Code Switch" hackathon
- Urban Culture in Theory and Action Summer School, University of Copenhagen**, Denmark Summer 2017
 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
- Soliya Connect Program Facilitator** Fall 2012
 Participated in 20-hour facilitator training; co-facilitated weekly 2-hour online cross-cultural discussions with undergraduate students from Western and predominantly Muslim countries
- "Ditact" Women's IT Summer Studies Program**, Salzburg, Austria Summer 2008
 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

PRESENTATIONS

- "Multilevel Modeling with Minnesota Public Salaries Data"* May 2020
 Volunteer Presentation for R-Ladies Twin Cities
- "Desktop, Cloud, or Open Source?: Comparison of UAS Imagery Processing Tools"* October 2018
 Poster co-presented at MN GIS-LIS Conference, Duluth, MN
- "Intro to Data Visualization"* November 2017
 Volunteer presentation for Twin Cities R Users' Group, St. Paul, MN
- "Decoding the Database: A Critical Analysis of Open Source GIS Tools for Humanistic Mapping"* October 2016
 Paper presented at Digital Humanities Forum, Lawrence, KS
- "Social Network Analysis in R"* November 2015
 Volunteer presentation for Twin Cities R Users' Group, St. Paul, MN
- "Starting Conversations for More Accessible Maps"* October 2015
 Session co-presented at North American Cartographic Information Society (NACIS), Minneapolis, MN
- "'Making Things Better': The Role of Leadership in Evaluation Use"* June 2012
 Paper co-presented at 8th International Conference on Evaluation for Practice, Pori, Finland

ADDITIONAL SKILLS

R – tidyverse, ggplot, tidymodels, RShiny
Python – pandas, scikit-learn
SQL – Oracle, PostgreSQL
GIS – ArcGIS, QGIS
Tableau
Oracle Business Intelligence Enterprise Edition (OBIEE)
MongoDB, Neo4j – basic query proficiency
Microsoft Office – including regression analysis in Excel

LANGUAGES

English – native language
German – full professional proficiency
French – professional working proficiency
Turkish – conversational proficiency; received U.S. Department of State Critical Language Scholarship to study in Ankara, Turkey (June-July 2011)