JULIA NISSEN

(651) 335-4211 | nisse053@umn.edu | Minneapolis, MN
https://github.com/junissen | https://www.linkedin.com/in/julia-nissen-1b499437/ | https://junissen.github.io/

Full Stack Web Developer with experience in the front and back end aspects of web development. Accomplished in all phases of systems development life-cycle both on a team and individually. A self starter with experience in research, education and customer service. Project management experience on a multi-disciplinary team.

TECHNICAL SKILLS

HTML, CSS, CSS frameworks, JavaScript, jQuery, AJAX, Firebase, Node.js, MySQL, Express.js, Handlebars.js, React.js, Sequelize, MongoDB, MERN, Java, Python, MATLAB, media queries and API requests, Microsoft Office, LaTeX, EPIC, database management, data analytics, clean laboratory and separation chemistry procedures, maintenance and operation of multicollector plasma mass spectrometer.

EDUCATION

University of Minnesota, College of Continuing and Professional Studies November 2017 - May 2018
Minneapolis, MN
University of Minnesota Coding Bootcamp - Full Stack Web Development

University of Minnesota College of Science and Engineering July 2015 - February 2018
Minneapolis, MN
M.S. in Earth Sciences with a minor in Quaternary Paleoecology GPA: 3.8
Herbert E. Wright, Jr. Quaternary Paleoecology Fellowship, Richard Clarence Dennis Graduate Fellowship, Kerry Kelts Travel Award

Vassar College September 2007 - May 2011
Poughkeepsie, NY
B.A. in Latin American and Latino/a Studies with a minor in Chemistry GPA: 3.8
Departmental and general honors, Phi Beta Kappa

APPLICATIONS

TravelOn - University of Minnesota, Full-Stack Developer, 2018

- A travel web application that allows users to search destination locations and access photos, sites of interest, maps, and weather.
- Personal contributions: site functionality using JavaScript, jQuery, Google APIs and Firebase.
- Available at https://junissen.github.io/TravelApp

Data reduction programs - University of Minnesota, Python Developer, 2017

- A Python GUI application that allows users to easily reduce isotope data collected via mass spectrometer.
- Personal contributions: Full development, programming, debugging, and deployment using Python.
- Available at https://github.com/junissen/Isotope_Lab_Programs

WORK EXPERIENCE

University of Minnesota - *Research and Teaching Assistant* July 2015 - December 2018
Minneapolis, MN

- Conducted independent research on quaternary climate change including sample collection and preparation, uranium-thorium separation chemistry, and advanced work with multi-collector inductively coupled plasma mass spectrometry (MC-ICP-MS).
- Assisted in lab management including radioactive waste monitoring and disposal.
- Led weekly discussion and laboratory sections of advanced classes in Earth Sciences for undergraduates, graded student work, and substituted for professors in lecture sessions.

Vertical Endeavors - *Shift manager, Sales and Groups, Climb Team Coach* May 2014 - June 2015
Minneapolis, MN

- Managed front desk employees, till, invoice payments, and facility upkeep during peak hours.
- Worked front desk processing facility waivers, checking in customers, selling daily entries and memberships, upselling sales offers and advising on gear purchases.
- Conducted facility orientations and beginning to advanced climbing lessons, supervised groups and monitored on-floor safety, and acted as climb teach coach for youth ages 5-18.

Joseph Upatham School - *English Teacher* May 2013 - March 2014
Sampran, Thailand

- Acted as head classroom teacher for primary, secondary, and post-secondary classes.
- Made 17 unique lesson plans per week and wrote quarterly tests.

Park Nicollet Institute - *Clinical Research Coordinator* September 2011 - March 2013
St. Louis Park, MN

- Coordinated the recruitment and enrollment process of a NIH funded clinical research study.
- Screened weekly mammogram reports and sent out letters to eligible candidates, up to 400 per week
- Conducted telephone calls to screen potential participants, answer questions, schedule orientations, and acted as primary liaison between research participants and study staff.