

S a r a M . K r i z a n

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smkrizan-portfolio.herokuapp.com

github.com/SMKrizan

Full-stack web developer and project manager with foundation in biology and client services. Extensive experience providing project management for legal, scientific and not-for-profit businesses. Interested in leveraging science education, project management background and skills in JavaScript, Python, MongoDB, SQL and React.js in new role as a developer, product manager, or technical project manager.

Technical Skills

- ✦ **Computer languages:** HTML, CSS, JavaScript, Python
- ✦ **Server-side technologies** including: Node.js, Express, session storage, and user authentication
- ✦ **Browser-based Technologies** including: Bootstrap, JSON, IndexedDB, and React.js
- ✦ **Database technologies** including: MySQL, MongoDB, QuickBase, and FoundationIP
- ✦ **Project management tools** including: GitHub, TeamGantt, SmartSheet, and Trello
- ✦ **Virtual meetings management** via Cisco WebEx, GoToMeeting, Microsoft Teams, and Zoom

Projects

Woodland Consulting LLC:

- ✦ **Purpose:** Website for a lighting design and engineering LLC highlighting work and facilitating communication with potential clients. Includes a concealed and secure admin-login.
- ✦ **Contributions:** Primary client contact, server connection, models and schemas, service worker, global state, queries, mutations, reducers, actions, and admin page.
- ✦ **Tools and Languages used:** MERN stack (Mongo, Express, React.js and Node.js), JavaScript, Apollo, GraphQL, Google Maps API, Service Workers, IndexedDB, and CSS.
- ✦ **Link to App:** <https://woodland-consulting.herokuapp.com>
- ✦ **Link to Repository:** <https://github.com/SMKrizan/WoodlandConsultingLLC>

12 Wishes:

- ✦ **Purpose:** A website for creating and sharing holiday wish lists with friends and family. Users create a secure login and create a unique link to easily share their lists in a text or email.
- ✦ **Contributions:** Server connection, SQL database, seed data, controller files, and models and server-side routes, and deployed project to Heroku.
- ✦ **Tools and Languages used:** JavaScript, Handlebars, SCSS, Bcrypt, Session data
- ✦ **Link to App:** <https://twelve-wishes.herokuapp.com/>
- ✦ **Link to Repository:** <https://github.com/chriswein12/wish-list>

TallyMax:

- ✦ **Purpose:** An application for word-game enthusiasts using definitions, pronunciation-audio, and images to help users identify and retain new vocabulary.
- ✦ **Contributions:** Concept, front-end design, and the 'getDefData' and 'displayWordData' functions which carry out API queries and de-structure and render API data.
- ✦ **Tools and Languages used:** HTML, CSS, Bootstrap, JavaScript, Merriam-Webster Collegiate Dictionary, Pexels and Pixabay APIs.
- ✦ **Link to App:** <https://jgrossh2.github.io/word-generator/>
- ✦ **Link to Repository:** <https://jgrossh2.github.io/Tally-Max/>

Work Experience

Mendota Rowing Club

Coach

Madison, WI

April 2021 – Present

- ✦ Co-facilitation and development of newly established Middle School Rowing Program.

Michael Fields Agricultural Institute

Fieldwork and Research Assistant

East Troy, WI

June 2020 – August 2020

- ✦ Commended for hard-work.

Executive Director Inc.

Program Manager for Parkinson and Movement Disorder Society (MDS)

Milwaukee, WI

May 2019 – April 2020

- ✦ Served as Liaison to African Leadership in order to meet requirements for successful creation of the MDS African Regional Section.
- ✦ Lead planning and implementation for multiple international live-education programs and virtual education opportunities.

Project Manager for Society for Immunotherapy of Cancer (SITC)

May 2017 – May 2019

- ✦ Provided stability in oversight and management of scientific committees and projects during a period of society growth and increased outputs for the scientific publications department.
- ✦ Managed development and publication of several Cancer Immunotherapy Guidelines, the Society's first textbook and a cancer immunotherapy handbook.

McDonald Schaefer

Project Manager

Milwaukee, WI

April 2016 – May, 2017

- ✦ Worked closely with consultants to organize and manage feasibility studies and capital campaign projects for a number of clients in the Milwaukee and Fox Valley region including those for the University of Wisconsin, the Basilica of St. Josafat, and Riveredge Nature Center.

Dorsey & Whitney, LLC

Patent & Trademark Secretary

Seattle, WA

July 2013 – February 2014

- ✦ Spearheaded process improvements for handling of key documents and for application of FoundationIP software applications.

Richard Sindell & Associates, Inc., P.S.

Paralegal

Seattle, WA

August 2010 – May 2013

- ✦ Commended by managing attorney for quality of legal drafting and research skills.
- ✦ Frequently received client accolades for skilled and compassionate service.

Woodruff Scientific Inc.

Contract Work as Business and Legal Assistant

Seattle, WA

September 2010 – September 2014

- ✦ Strategic development of legal systems to secure IP and ensure State and Federal compliance.
- ✦ Insightful market exploration for products and services.

Education

University of Wisconsin Extended Campus, Online, 2021 Full-stack Web Development; Grade: 94.55%
End-to-end application development using Agile methodologies and MERN Stack technologies.

Edmonds Community College – Lynnwood, WA, Advanced Paralegal Certificate; GPA 3.79
Included coursework in legal research, contracts, intellectual property, and med malpractice.

University of Wisconsin – Madison, WI, BS Biology Natural Sciences; GPA 3.38
Included coursework in biochemistry, environmental engineering, and computer science.

Madison Area Technical College – Madison, WI, College Transfer Courses; GPA 3.80
Included coursework in calculus, physics, botany, and macro and microeconomics.