

Temuulen Erdenebulgan

(563) 293-0541 | Software Engineer | Available to relocate

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EDUCATION

Bachelor of Arts in Computer Science, Luther College

Graduated May 2021

Relevant Coursework: Web Programming, Advanced Algorithms and Data Structures, OOP in Java, Computational Models, Computer Networks, Programming Languages, Machine Learning, Data Modeling and Querying

TECHNICAL SKILLS

Programming Proficiency: Python, JavaScript, React, Java, Python Flask, Firebase, SQL, Jest

Developmental Tools and Frameworks: AWS, Linux, Git, Heroku, TensorFlow, Python Socket Programming, REST

PROJECTS

Luther Link: News Platform (Bachelor's Capstone Project)

Outcome: [Luther Link](#)

Engineered Luther College news platform through the software development lifecycle into user testing phase in 7 months developing 50% of the frontend and 10% of the backend codebase.

Utilized: JavaScript ES6, React, Jest (Unit Test), Material UI, Firebase.

Book Challenge

Outcome: [Book](#)

Developed a web application that challenges reading a book and adds the book to the database.

Utilized: JavaScript, HTML, MUI CSS (Framework), Python Flask, Pandas, PostgreSQL.

Weather Checker

Outcome: [Weather](#)

Implemented a web application that tells the weather and the location on Google Map using JavaScript.

Reserve System

Outcome: [Library](#)

Developed a system to model a library's reserve item circulation system in a team of 3 members for 2 weeks developing 30% of the backend and frontend. Utilized: Java.

UDP Router Proof of concept transport layer distance vector routing protocol with Python sockets.

Outcome: [Router](#)

WORK EXPERIENCE

Software Engineering — Web Developer

Mar. 2021 – May. 2021

Luther College Technology Help Desk (Decorah, IA)

Outcome: [Magician](#)

Repaired an internal server error on the backend which was not displaying JSON by debugging Python code by putting JSON data in a python dictionary and successfully displayed it on the website

Utilized: Python Flask, REST APIs, HTML, CSS.

Computer Technician

Feb. 2019 – May. 2021

Luther College Technology Help Desk (Decorah, IA)

Provided software and hardware support with Luther's IT Services to approx. 2800 students, faculty, and staff; effectively troubleshooted 2400 tickets/year

Utilized VNC, screen share, in person or phone, Linux, macOS, and Windows

Software Engineering — Front-End Intern

July. 2020 – Aug. 2020

Mongolian IT Professionals in USA (Redmond, WA) Remote

Outcome: [Referral 2.0](#)

A non-profit organization with 230+ active members in the USA

Implemented two web forms that took inputs from both referrers and referees; connected the forms to the database for new registration by independently learning React and Redux for Referral 2.0 program for 2.5 months. Collaborated with two senior engineers from PayPal and Clever Inc to build a website; as a team, added a total of more than 200+ referrers and referees to the database.

Utilized: JavaScript ES6, React, Redux, CSS, HTML, Postman.

Secretary

Sept. 2019 – Dec. 2019

Computer Science Student Organization with 150+ student/faculty members at Luther College

Instructed Luther students with 15-20 attendees/weekly in lessons on software engineering skills: Linux and robotics
Organized computer science-related events: hosted talks communicating with professionals in academia & industry and attended Hackisu, Iowa's Largest Hackathon along with Luther computer science students