Temuulen Erdenebulgan

(563) 293-0541 | Full Stack Software Engineer | US Authorized | Available to relocate

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EDUCATION

Bachelor of Arts in Computer Science, Luther College   Expected May 2021
Relevant Coursework: Advanced Algorithms and Data Structures, Web Programming, OOP in Java, Machine Learning
Computational Models, Computer Networks, Programming Languages, Data Modeling and Querying

TECHNICAL SKILLS

Programming Proficiency: Python, JavaScript, Java, React/Redux, Flask, Firebase, Jest, SQL
Developmental Tools and Frameworks: Linux, Git, Heroku, TensorFlow, Python Socket Programming, REST, React Native

PROJECTS

Luther Link: News Platform (Bachelor's Capstone Project), Co-Founder   Outcome: Luther Link
Engineer Luther College news platform through the software development lifecycle into user testing phase in 6 months
developing 50% of the frontend and 10% of the backend codebase. Utilized: ReactJs, Redux, Jest, Firebase, and Heroku.

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 and Eclipse.

Book Challenge   Outcome: Book
Developed a web application that challenges reading a book and adds the book to the database.
Utilized: JavaScript, Material UI, HTML, CSS, Python Flask, and PostgreSQL.

Weather Checker   Outcome: Weather
Implemented a web application that tells the weather and the location on Google Map using JavaScript.
UDP Router Proof of concept transport layer distance vector routing protocol with Python sockets.   Outcome: Router

WORK EXPERIENCE

Software Engineering — Web Developer   Nov. 2020 – Present
Luther College Technology Help Desk (*Decorah, IA*)   Outcome: Magician
- Engineer a feature that displays the 10 most recently accessed tickets by independently implementing a web cache by
  prototyping and implementing 2 backend REST API endpoints on Python Flask; used every day by 23 student and staff
  members at Luther College Technology Help Desk
- Collaborate with staff members to analyze software requirements and design frontend implementation for a backend
  REST API using HTML and CSS
- 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

Computer Technician   Feb. 2019 – Present
Luther College Technology Help Desk (*Decorah, IA*)
- Provide software and hardware support with Luther's IT Services to approx. 2800 students, faculty, and staff
- Utilize VNC, screen share, in person or phone; effectively troubleshoot ~2400 tickets/yearly using 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 more than 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 ReactJs 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

Secretary   Sept. 2019 – Dec. 2019
Computer Science Student Organization with than 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