

Tim Erdenebulgan

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EDUCATION

Luther College

Expected May 2021

Bachelor of Arts in Computer Science

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

Additional Coursework: Economics, Entrepreneurship, Directed Study on Management, Intro to Accounting, Statistics

TECHNICAL SKILLS

Programming Proficiency: Python, JavaScript (ES6), Java, CSS, HTML, SQL

Tools and Frameworks: ReactJs, Redux, Firebase, Flask, Postman, PostgreSQL, JSON, REST, Heroku, Git, Linux, Python Socket, Bootstrap, Material-UI, MVC, XML, VS Code, Jupyter, LaTeX

STRENGTHS & RELEVANT EXPERIENCE

Gallup Strengths Finder — Restorative, Empathy, Context, Adaptability, Connectedness

Software Engineering — Full Stack Developer

Nov. 2020 – Present

Luther College Technology Help Desk

Decorah, IA

- Design well-thought-out features for administrative system website used by technicians and managers
- Improve work productivity by putting all crucial data in a unified website
- Build back-end services and RESTful APIs to support new and existing website initiatives
- Develop compatible front-end implementation for back-end services using JavaScript
- Collaborate with other student workers to manage client meetings to develop software requirements

Computer Technician

Feb. 2019 – Present

Luther College Technology Help Desk

Decorah, IA

- Maintain day-to-day software and hardware IT operations at Luther College
- Cooperate with co-workers to effectively troubleshoot around 50 weekly technical problems by researching, communicating with clients, and addressing client concerns
- Bring positive energy at the help desk by organizing team bonding events, decorating the office, talking amicably with Luther students and faculty, and managing social media

Software Engineering — Front-End Intern

July. 2020 – Aug. 2020

Mongolian IT Professionals in USA

Redmond, WA

- Developed web form for Referral 2.0 Program that connects participants with highly skilled software referrers for a job application in the USA
- Participated in a team implementing customer-friendly interfaces by independently researching and testing an AWS database that interacts with RESTful APIs using Java, ReactJs, and Postman

RELEVANT RESEARCH & PROJECTS

Luther College Senior Capstone Project (luther-link-react.herokuapp.com)

Sept. 2020 – Present

- Implement new Luther College news platform used by over 2,300 Luther members
- Participate in a team creating compatible ReactJs and Redux components with Firebase
- Write test cases to automate validation and updates using ReactJs and Firebase

Other Projects (Additional content on Github)

CAMPUS ACTIVITIES

Secretary

Sept. 2019 – Dec. 2019

Luther College Computer Science Society

Decorah, IA

- Instructed Luther students in lessons on software engineering skills: Linux and robotics
- Organized computer science-related events: IBM meeting and Hackathon for Luther students

Pianist

Sept. 2017 – Sept. 2020

- Provided piano music at Luther College Dining Services activities