BRIAN BUI

linkedin.com/in/bui-brian ⋄ bui-brian.github.io

bui.brian99@gmail.com ⋄ (402)-417-9029

EDUCATION

University of Nebraska–Lincoln   *Aug 2019 - May 2023*

Bachelors of Science in Computer Science, Mathematics Minor

EXPERIENCE

Tyler Technologies (Digital Solutions Division)   *May 2022 - Present*
Web Developer Intern   *Lincoln, NE*

· Worked on Nebraska government services including DMV, secretary of state, and court administrators
· Upgraded back-end infrastructure to use Nagios to monitor and report the status of production services
· Updated Perl scripts to Log::Log4perl logging for developers to easily maintain and fix bugs
· Maintained and tested back-end scripts to assure production level quality

UNL Office of the University Registrar   *Sep 2020 - May 2022*
Reporting & Data Analysis Assistant   *Lincoln, NE*

· Facilitated data analysis and presentation using SQL-style tables along with Microsoft Excel
· Wrote hundreds of queries using WebFOCUS to fulfill data requests of university departments
· Accommodated the development of self-service reports and online dashboards using PeopleSoft

TECHNICAL PROJECTS

UNL Senior Design Capstone - DMSi Web Based KPI Widgets With Dynamic Datasets
Aug 2022 - May 2023

· Implemented an algorithm to analyze datasets to find out which data is meaningful to the user
· Built an entire front-end client to dynamically generate charts based on the data processing algorithm
· Exported these KPI widgets to be used with DMSI's flagship ERP, Agility and Building Results CRM
· Utilized eminently sought-after technologies which include React, TypeScript, GraphQL, Golang

Solitaire & Blackjack Web App   *Nov 2021 - Dec 2021*

· Collaborated to create a web app consisting of single-player solitaire and multiplayer blackjack which can be played with up to 5 other players
· Applied Agile Scrum software engineering principles as well as performed unit and integration testing
· Utilized Node, React, Express, Jest, AWS, and Socket.io

SKILLS

Languages	JavaScript, Golang, Python, C/C++, Java, Perl
Technologies	React.js, Node.js, HTML5, CSS4, MySQL, Git, Linux/Unix/MacOS
Principles	OOP, SDLC, Agile/Scrum, CI/CD, API's, REST, Jira, Confluence