

Ean Jacob Gayban

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Summary

Undergraduate interested in pursuing full stack development, with an emphasis on the backend. Familiar with Agile methodologies and worked in a Scrum development environment. Interested in learning about new software technologies and programming languages. My current favorite is Go/Golang.

Education

University of Nevada, Reno

August 2019 - Present

Bachelor of Computer Science & Engineering, Big Data minor, Statistics minor
4.0 GPA

Professional Experience

Lab Purchasing Coordinator, Feng Earley Laboratory

October 2021 - Present

University of Nevada, Reno

- Created and maintained a working database of over 90 vendors for lab needs in order to fast-track the ordering process for the lab's research requirements.
- Handled over \$100,000 worth of laboratory purchases and shipments, including hazardous materials, lab and chemical supplies, and specimens.

Projects

BETA Universe Systems Initiative Table

August 2021 - May 2022

Vue.js, ASP.NET Core, Microsoft SQL Server

A mobile-optimized companion web application that aims to digitize and streamline components from the tabletop role-playing game "BETA Universe Systems".

- Supports real-time gameplay sessions with multiple players.
- Responsive user interface resizes itself depending on the device used.

Tournament Tracker

May 2022 - August 2022

Go/Golang, PostgreSQL

An application to track and rank player performance across a series of double-elimination tournaments.

- Used to track rankings of over 90 players across a 30-tournament season.
- Provides a frontend interface for viewing tournaments and rankings, and for adding new players and tournaments.

School Projects

August 2020 - February 2023

An assortment of projects made for various school assignments.

- [C++] Reliable UDP-based file transfer protocol using stop-and-wait
- [C++] Basic RDBMS that supports SELECT, CREATE, UPDATE, DELETE, JOINs, and transactions
- [Python] YouTube dataset analyzer that provides interactive queries and calculates a degree distribution

Certifications

Full Stack Open 2022

April 2022

Google Data Analytics Certification

July 2022

Technical Skills

Frontend

- React
- HTML
- CSS
- Vue.js

Backend

- Go/Golang
- Node.js
- PostgreSQL
- MongoDB

Tools & DevOps

- GitHub
- GitHub Actions
- Docker