Benjamin Paul Lynch

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EDUCATION

University of Wisconsin-Madison   Madison, WI

Bachelor of Science, Computer Sciences   May 2024

Applicable Coursework: Object-Oriented Programming, Data Structures and Algorithms, Discrete Math, Artificial Intelligence, Databases, Intro to Programming (I-III), Machine Organization, Intro to Software Engineering, UW Madison Capstone Course, Operating Systems, Linear Algebra, Engineering Statistics

Technical Skills

Programming Languages: Java, JavaScript, C, Python, HTML, CSS, TypeScript, SQL

Frameworks & Technologies: Git, Linux, Agile, Docker, AWS Solutions Architect, Pandas, NumPy, Spring Boot, CI/CD, Angular, Next.js, React, Pytorch, Jira, Jest, JSON, APIs

WORK EXPERIENCE

University of Wisconsin-Madison   Madison, WI

Credit Evaluation Services – Student Assistant   November 2020-May 2024

- Collaborate with administrators and student co-workers to prepare UW Madison and prospective transfer student records for credit evaluation and reevaluation
- Engage key customer collaboration skills to address questions and concerns from clients in a timely manner while ensuring customer satisfaction
- Proficient in various technologies including Student Information Systems, Customer Relationship Management (CRM), and Cisco Jabber/Finesse
- Maintain knowledge and strict compliance with federal student privacy (FERPA) regulations with no infractions and upholding confidentiality standards
- Participated in multiple job search committees for both student and full time staff that required reviewing of resumes and arranging/completing interviews

Anytime Fitness & Indoor Turf   Edina, MN

Facilities Attendant   June 2019-August 2020

- Cleaned and sanitized different areas of 24 hour gym as well as the attached indoor turf facility to maintain a high standard of cleanliness and hygiene
- Maintained comprehensive knowledge of and diligently enforced facility policies and procedures to ensure a safe and compliant environment to the best of my ability
- Monitored and reported inappropriate access to facility in accordance with policies to prevent unauthorized access and ensure security

PLH & Associates LLC Construction Services   Edina, MN

Lead Worker & General Laborer   June 2016-June 2019

- Successfully implemented comprehensive demolition and construction plans for a diverse range of commercial and residential building projects
- Effectively leveraged strong communication and leadership skills to guide and motivate subordinates, ensuring the timely conclusion of all assigned tasks
- Set up computer networks and various other technological systems at jobsites and finished spaces, ensuring seamless connectivity throughout the project areas
- Entrusted with keys to secure sites after hours, demonstrating a high level of organization and responsibility in maintaining site security and integrity

PERSONAL PROGRAMMING PROJECTS

Online Yahtzee   **https://github.com/benl17/Yahtzee-Game**

TypeScript, React, Next.js, MySQL

- Included single player with the ability to play a CPU that averages a 210 score as well as multiplayer using Pusher that allowed for players to see real time moves
- User could create accounts with their passwords encrypted that would track all their stats for any given game as well as local play where up to 4 players could play
- Leveraged Next.js and MySQL to store game stats for each user including win/loss rate, average score, highest score, and the average number of Yahtzee's per game

Personal To Do List   **https://github.com/benl17/Java-and-SpringBoot-Projects/tree/main/ToDo-List-SpringBoot**

Java, Spring Boot, Angular, MySQL

- Created a Personal To Do List site that allowed users to create tasks that included name, due date and importance level that would change color depending on number
- Leveraged MySQL and Spring Boot to allow users to update a tasks due date, name, and item importance which would also be updated on front page and in database

Personal Portfolio Website   **https://github.com/benl17/benl17.github.io**

JavaScript, HTML, CSS

- Personal website that displays my experience, skills, education, and past projects, resume as well as links to my GitHub and ability to email me
- Used JavaScript to create buttons on main page to take users to certain page they clicked as well as arrows on each page to take them to the next page

Interactive Weather Chrome Extension   **https://github.com/benl17/Weather-Chrome-Extension**

JavaScript, HTML, CSS, Chrome Extension, JSON, Openweather API

- Created a Google Chrome extension that utilizes the user's location to display current weather conditions, current temperature, feels like temperature, and wind speed
- Leveraged the Openweather API that intakes the user's longitude and latitude and returns a JSON file and used HTML/CSS to style the chrome extension

Teeko Game AI Player   **https://github.com/benl17/Python-Projects/blob/main/TeekoGameAI.py**

Python

- Developed an AI player for the game Teeko that reacts to the players actions and plays the optimal move based on the game board using a minimax algorithm
- Game is ran through the computer terminal where the player can select a board position using row and column selectors with the AI making a selection after

EXTRACURRICULAR ACTIVITIES

Chi Psi Fraternity   Madison, WI

Alumni Member   October 2020-May 2024

- Participated in brotherhood events including philanthropy and activism to better the community around me fostering strong relationships with others
- Helped create a weekly meeting with 2 other brothers called Chi Psichology where brothers could meet to talk about challenges they're facing in their life

National Kart Racing

Route 66 and Local Races

- Participated in regional and national Go-Kart races in conjunction with teammates, improving performance and gaining valuable racing experience
- Collaborate with teammates and pit crew to implement most effective kart setup and strategize best race strategy to ensure peak performance

INTERESTS

- Professional sports including NHL, F1, PGA Tour, Premier League, NFL, College Football as well as video games such as F1, Halo, and FIFA
- Keen interest in Poker, Euchre, Cribbage, Hearts, Game of Thrones, and fantasy football as well as cooking a variety of dishes from around the world