

Jace R Grant

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WORK EXPERIENCE

Freebirds World Burrito

Feb. 2024 - Present

Assistant General Manager

Frisco, TX

- Freebirds World Burrito is a fast-casual restaurant chain specializing in customizable burritos, tacos, and bowls.
- Manage and direct 23 team members to achieve optimal performance and operational goals.
- Create and maintain employee schedules to ensure seamless daily operations.
- Oversee inventory management, placing strategic orders to maintain adequate stock levels.
- Lead team meetings to address business updates, encourage collaboration, and drive improvements.
- Ensure adherence to all food safety regulations, maintaining the highest quality standard.
- Conduct performance evaluations and provide constructive feedback to enhance team productivity.

Freelance

2016 - 2025

NA

Remote

- Freelance Programmer & Contract Specialist: Providing comprehensive technical solutions to meet diverse hardware and software needs for clients.
- Created and executed unit tests to ensure quality and reliability of software products.
- Applied mathematical concepts to craft custom algorithms tailored to client needs
- Developed custom software solutions for clients in various industries, enhancing operational workflows.
- Designed and implemented applications across desktop, web, and machine learning platforms.

EDUCATION

Baylor University

May 2025 - May 2027

Bachelor of Science (B.S.) in Computer Science / Minor in Mathematics

Waco, TX

Collin County Community College

May 2023 - May 2025

Associate in Science (A.S.) - Computer Science

Celina, TX

- GPA: 3.8/4.0; Deans List; Collegiate Honors Society;

PROJECTS

Chess Engine

Sep. 2024 - Dec. 2024

- I singlehandedly built an optimized chess engine using the Java programming language. This project includes a graphical user interface (GUI) for interactive gameplay and a command line console for direct evaluation and analysis of chess moves.
- I hand-crafted the evaluation function that enables the chess engine to achieve a depth search performance rating of up to 1800 Elo.
- (In Progress) Building an Efficiently Updatable Neural Network (NNUE) for future evaluations using Python.

Snake Brain

Nov. 2024 - Dec. 2024

- I developed a custom-built Deep Q-Network (DQN) Reinforcement Learning model using DL4J, which was trained on the classic Snake Game.
- I enhanced the parameters to enable the model to play at a level far beyond many human players. The model dynamically switches between Hamilton's path for navigating confusing moments and the DQN for optimizing body positioning.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Food Managers Certification; Food Handlers Certification; TABC Certification; ServSafe Certification
- **Skills:** Java; C#; C++; Python; Mathematics; Physics; Leadership; Model Design; Microsoft Word; Microsoft Excel; Inventory Software; Operating Systems