

Brenden Hancock

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Experience

Software Engineer, Remote August 2023 – Current

- Developed full-stack applications, focusing on enhancing problem-solving and coding best practices.
- Created 2D game projects using the Godot Engine, incorporating GDScript, pixel art, and level design.
- Used Git for version control, simulating Agile workflows and professional development environments.

Heavy Equipment Operator, Marrs Construction Inc. – Phoenix, Arizona April 2023 – Current

- Specialized in grading for building foundations, roads, and sidewalks to ensure proper drainage and stability.
- Maintained high safety and quality standards while working on complex, high-density residential sites.

Sales Associate, Vans – Castle Rock, CO February 2023 – April 2023

- Assisted in sales and inventory tasks, contributing to overall store success.

Heavy Equipment Operator, Rhino Contracting, LLC – Phoenix, Arizona July 2019 – October 2022

- Handled demolition and excavation projects, focusing on safe and effective operation of heavy machinery.
- Worked on-site clearing and preparing for new developments, ensuring smooth project progress through expert use of heavy machinery.

Projects

Moodle github.com/moodle

- Developed a full-stack mood tracking web application for users to log and visualize their emotional patterns.
- Integrated Firebase for user authentication and Firestore for real-time mood tracking.
- Tools Used: Next.js 14, Firebase, TailwindCSS.

Wicked Waddle github.com/WickedWaddle

- Developed a 2D platformer where players navigate continuous movement mechanics, collect baby penguins, and overcome obstacles to reach the goal.
- Designed engaging and dynamic levels that challenge players' timing and coordination, with smooth and responsive controls.
- Tools Used: Godot Engine (GDScript), 2D Pixel Art, UI Design.

Technologies

Languages: JavaScript, Java, Python, Kotlin, HTML, CSS, SQL, GDScript

Frameworks/Tools: Next.js, Firebase, TailwindCSS, Git, MySQL Workbench, SQLite, Android Studio, VS Code, Room Database, Godot Engine, Spring Boot, Docker

Certifications: CompTIA Project+, Axelos ITIL Foundation Certification

Education

Western Governors University, BS in Software Engineering August 2023 – March 2024

- **Coursework Highlights:** Full Stack Development, Data Structures and Algorithms, Project Management, Version Control, Android Development

Arapahoe Community College January 2023 – May 2023

- **Coursework Highlights:** Networking, Cybersecurity, Cloud Computing, Python

Rio Salado College January 2021 – May 2022

- **Coursework Highlights:** Networking, Computer Science, Linux