

Grayson Hull

Software Developer

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Experience

Programmer

PAC Integrations – Concord

June 2019 – Present

- Developed and customized ERP software in **Odoo**, creating new apps and modifying existing modules to align with company workflows. **Reduced ERP costs by 80%** and increased productivity by 20%.
- **Saved 4 hours per task** and improved productivity by 10% through a suite of **AutoHotKey automation scripts** for recurring tasks.
- Designed a **Python/JavaScript CRUD application** automating pricing updates, **saving 296 hours** annually.
- Implemented a search feature for security panel data, **reducing search time by 50%**.
- **Streamlined backups for 20+ daily users** with a **C automation tool** on **RedHat Linux**, integrating LTFS tape drive storage.

Web Designer

First Baptist Church Walnut Creek

June 2015

- Created a WordPress website for the church, leading to increased weekly visitors and a **25% boost in regular attendance**.
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Projects

Fantasy Card Game

GitHub

- **Built a full-stack collectible card game** featuring 150 unique cards with dynamic stats and abilities using **Next.js**, **Supabase**, and **Tailwind CSS**.
- Implemented **real-time backend integration** with Supabase for player accounts, card collection data, and game progress storage.
- Created a **scalable game architecture** supporting card additions, upgrades, and deck management for future expansions.
- Developed **interactive gameplay mechanics** and collection tracking to keep players engaged.

Star Wars Empire at War Mod

Steam Page

- Developed and maintained a custom game modification for *[Game Name]* with over **3,500 active users**.
- Used **Lua scripting** for game logic and **XML** for UI and configuration, creating new features and improving gameplay mechanics.
- Implemented performance optimizations and bug fixes to ensure stability across frequent updates.
- Collaborated with the player community for feedback, releasing regular patches and feature enhancements to improve user experience.

Wedding Registry Website

Live Site | GitHub

- Full stack CRUD app using **NextJS**, **Prisma (ORM)**, and **Postgres** on Vercel.
- Used by **50+ users** with seamless CRUD functionality and secure backend data access.

Multiplayer Java Blackjack

GitHub

- Developed a multiplayer Blackjack game with a 5-person team using client-server architecture.
- Implemented client-side functionality to interact with server data, supporting concurrent games.

Skills

- **Languages:** C++, Java, Python, HTML/CSS, JavaScript, MySQL, Postgres
 - **Frameworks:** REST, PyTorch, JUnit, React, NextJS, WordPress
 - **Developer Tools:** VIM, Docker, GitHub, Git, VS Code, Visual Studio, Prisma, Vercel, Supabase
 - **Libraries:** Selenium, Beautiful Soup, Swing, Pandas
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Education

B.S. Computer Science

California State University, East Bay