

James Walker

United States

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EDUCATION

University of Florida

B.S. in Computer Science

University of Miami

M.S. in Computer Science

EXPERIENCE

InvadedLands.net

2018 - 2020

Head Developer

- Led development for the server and worked on core plugins and systems.
- Built and maintained custom Minecraft plugins used by the network.
- Worked with creators and developers in the Minecraft 1.8 PvP community.
- Helped manage technical development, features, and server updates.

MunchyMC

2018 - 2019

Administrator / Developer

- Worked on Minecraft plugins, server systems, and technical issues.
- Helped with server administration and day-to-day operations.
- Worked with staff and developers on new features and updates.

iD Tech — Stanford, California

Summer 2024

Assistant Mentor

- Assisted students with programming projects and classes.
- Helped students understand programming concepts and solve problems.
- Worked alongside instructors during lessons and activities.

Hypixel

2020 · 3 weeks

Staff Member

- Worked as part of the Hypixel staff team and helped moderate the community.
- Resigned after three weeks to focus on school.

PROJECTS & PERSONAL WORK

BurrowBot-App

Security & Code Review Automation

- Built a bot that reviews GitHub pull requests before they are merged.
- Checks code for potential security issues and vulnerabilities.
- Generates reports describing issues found during review.
- Designed the system to automate part of the security review process.

Discord AI & Automation

Bots and Security Systems

- Built Discord bots with AI, moderation, automation, and server management features.
- Created security-focused bots and automated workflows for online communities and websites.
- Worked with AI integrations and custom automation systems.

Web Development

2020 - Present

Websites & Web Applications

- Designed and developed professional websites and web applications for more than 6 years.
- Worked across frontend, backend, databases, automation, and security.
- Created custom web experiences for communities, businesses, and online projects.

Minecraft Development

Plugins & Server Systems

- Created plugins used across thousands of Minecraft servers.
- Worked with established creators and communities in the Minecraft 1.8 PvP scene.
- Recently expanded development work into modern Minecraft versions.

HONORS & ACHIEVEMENTS

- Received scholarship offers from MIT and Harvard before choosing other universities.
- Developed Minecraft plugins used by thousands of servers.
- Worked with established creators and communities across the Minecraft PvP ecosystem.

SKILLS

Languages: C, C++, C#, Go, Swift, TypeScript, JavaScript, PHP, Kotlin, Python, Ruby, Rust, Scala, Elixir, Lua, GDScript, Java, Perl

Web: HTML, CSS, PHP, JavaScript, TypeScript, GraphQL

Databases: MySQL

Game Development: Minecraft Plugin Development, Unreal Engine Blueprints, GDScript

Automation: Bash, PowerShell, Discord Bots, AI Integrations, Security Automation

Cybersecurity: Secure Code Review, Security Automation, OSINT

Design: Graphic Design, Web Design, UI/UX