

## Ben Wyatt

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### PROFESSIONAL SUMMARY

Tech, programming, and learning enthusiast with 8 years of experience programming. Capable of using and administrating Windows, Mac OS, and Linux, as well as software on those platforms. Excellent programmer ready to build software for any use case.

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### EDUCATION

**New Apprenticeship**, ITSN Bootcamp, Remote 5/2022 - Present

- The ITSN Boot Camp explores various organizational roles, such as administrators, users, and groups, as well as the tools and best practices to effectively manage IT services.

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### PROFESSIONAL EXPERIENCE

**Tutor**, *Plano SAT Master*, Plano, TX 6/2018 - 7/2020

- Instructed students of all ages in a range of topics including physics, calculus, programming, and more
- Developed learning strategies catered to individual students to ensure success
- Created lesson plans based around individual students' strengths and weaknesses to target areas needing improvement while maintaining student confidence
- Researched new topics to teach previously unfamiliar information
- Used domain-specific software such as JetBrains IDEs and MySQL during lessons to teach real world skills

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### TECHNICAL SKILLS

- Expert or advanced programmer in Java, C#, Rust, Javascript/Typescript, Python, C, C++, F#, and assembly (multiple architectures)
- Experienced in using and developing for Linux and Windows, including use of Bash and Powershell
- Experienced in administrating Windows deployments and managing Group policies
- Experienced in using and troubleshooting 3rd-party software (MySQL, MS Office, Adobe CS, etc.)

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### PROJECT HIGHLIGHTS

**java\_rs** [https://github.com/googleben/java\\_rs](https://github.com/googleben/java_rs)

java\_rs is an implementation of the JVM (Java virtual machine) written in Rust. The goal was to simultaneously learn about the internals of the JVM and to see what benefits Rust's safety guarantees could bring to VMs.

**ArmaCOM** <https://github.com/googleben/ArmaCOM>  
<https://steamcommunity.com/sharedfiles/filedetails/?id=2635818948>

ArmaCOM is an extension to the video game "Arma 3" written in C++. It enables communication between in-game scripts and external software or hardware through COM (serial ports) and TCP. It was well-received in the game's community for its ingenuity and usefulness in integrating physical peripherals such as HUDs and pressure vests.

**EmeraldPartyRandomizer** <https://github.com/googleben/EmeraldPartyRandomizer>  
<https://www.youtube.com/watch?v=LtBBhInLzs4>

EmeraldPartyRandomizer is a ROM hack, written in C, for Pokemon Emerald that randomizes the player's party before every battle. It was written for a Twitch streamer and YouTuber, and was extremely popular with the video garnering over 8 million views to date, remaining one of their most watched videos.