

Red Forman

Software and Game Developer

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- https://redforman.dev
- [REDACTED]

About me

I am a self-taught programmer with a strong interest in Game Development. I have experience across a variety of disciplines including game development, full-stack development, and programming education

I first started programming around the age of ten, and further honed my skills through FRC Robotics in High School. I most enjoy building interactive experiences such as video games, however am also passionate about systems design in general and enjoy constructing back-end infrastructure.

Technical skills

Languages

- Lua
- Java
- Kotlin
- JavaScript
- C#
- Python
- C++

Technologies

- Node.js
- Next.js
- Django
- JDBC
- REST
- Ktor
- Unreal Engine 5

Databases

- MySQL
- Oracle SQL
- PostgreSQL
- SQLite
- JDBC
- Prisma (ORM)

DevOps

- Apache
- Azure Repos
- Nginx
- Bash
- Ubuntu

Tools

- Git
- Docker
- Trello
- Nuclino
- Typst
- DigitalOcean Droplet

Experience

Lead Developer @ ExhibitionRP

2023 — Current

Currently leading all projects at ExhibitionRP, including multiple Garry's Mod servers, unreleased Rust and FiveM projects, and all related database, web and server infrastructure

- Handling development of all new systems, services and addons
- Coordinating with other Leadership to meet deadlines, quality goals and business needs
- Maintaining all previous addons and systems, including substantial updates and bugfixes across a variety of systems

Consultation Agent @ GeekSquad

2022 — 2023

Worked for GeekSquad providing customer support and performing in-store services. My responsibilities ranged from software repairs and hardware maintenance to sales and client satisfaction

- Provided customers insight on all products and services offered by BestBuy and GeekSquad
- Performed maintenance and fixed issues on Client devices at the counter utilizing my own personal skills and expertise
- Handled check-in and check-out for Client devices receiving services, and evaluated the extent of service needed based on the client and their device
- Maintained Apple GSX Certification required by all Apple service technicians

Code Sensei @ Code Ninjas [REDACTED]

2021 — 2022

While attending Worcester Polytechnic Institute I continued working at Code Ninjas by transferring locations to a much newer location in Massachusetts. I took on even more responsibilities here than at Code Ninjas in the past, and was offered the position of Assistant Center Director were I to stay in the area

- Ran coding day-camps of 20+ kids (ages 4-14) solo
- Managed the daily Drop-In coding program, including tracking progress of all students and tailoring their experience to their own goals and needs

Lead Sensei @ Code Ninjas [REDACTED]

2019 — 2022

Sophomore year of High School I began working at Code Ninjas, and in under a year was the Lead Sensei at the [REDACTED] Center. I worked here throughout the school-year, including summers. Returned here after attending WPI and worked the job until the centers moved to Corporate ownership.

- Routinely managed a classroom of 20+ students for the Drop-In coding program
- Taught a variety of lessons in JavaScript, Lua (Roblox), and C# (Unity)
- Tracked the progress of the 150+ students at my main center, offering tailored guidance and helping to see them improve during the program
- Led outreach programs at nearby schools, introducing their students to our program and to Computer Science in general for the first time
- Trained a majority of the new Senseis in the area and was frequently involved in Performance Reviews
- Worked directly with the ownership and management of the area's centers to improve our business and quality of our services

Education

2025

[REDACTED]

Computer Information Systems - Software Developer Certificate

- Courses involved a variety of topics geared towards full-stack development in an SDLC environment
- Programming topics included OOP, Web Programming using Django and Bash Scripting
- Included an in-depth Systems Analysis course focused on a variety of development methodologies and techniques for managing IT teams
- Languages and Tech used: Python, JS, Java, Bash, Oracle SQL, PostgreSQL, Django