



# Corvalis Cohen

## Work History

### Kiira Health – Full Stack Engineer

Remote

09/2022 -10/2022

- Developed Restful API's and web-hooks on the Firebase platform To handle asynchronous behavior in a server-less architecture
- Maintained a React Native mobile app's front-end and back-end behavior, and build process on Android and IOS platforms
- Collaborated with other engineers and designers to ensure clarity and cohesion with Agile/SCRUM principles in a JIRA environment

### Silvaroc Studios L.L.C - Lead Software Engineer

Carson, CA

08/2021 - Current

Oversaw the design and development of all software and virtual production projects. Responsibilities included:

- Designing and implementing C#/C++ APIs
- Built asynchronous serialization systems to read/write information
- Lead the design and project management of all software products
- Maintained project repositories through source control solutions (GitHub, Perforce, Plastic SCM, e.c.t)
- Quality tested programs for optimization with DevOps principles, using Unit Testing techniques, and CI/CD driven development

## Technical Projects

### Game Modding Work (2016-2022)

Worked with the .Net Framework and .Net Core to mod several games based on bounty/community need using C#,C++, ASM, etc.

### Virtual Production Program (Cyberspace Crusade) (2020-Present)

Used AR technologies, TCP/UDP networking, and motion capture tools to create a platform for animations, cinematics, and game creation.

**GMTK 2022 Entries (July 2022)** Two games made in 48 hours for the Game Makers Tool Kit Game Jam 2022. Was the CTO on both projects managing code design, workflow, CD pipelines and source control.

**GPT to Unity (January 2023)** A unity asset store plugin designed to provide access to OpenAi's API to Unity projects. Provides an ASP.Net Core server to handle HTTP requests to any AI service back-end.

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## Skills

- Unity Engine
- C# / C++
- Unreal Engine
- JavaScript / Typescript
- HTML / CSS
- Node.js / Express.js
- React Native
- DevOps Integration
- GCP and Azure experience
- Power-shell and Linux CLI

## Portfolio

- Youtube:  
[www.youtube.com/@powercore2000](http://www.youtube.com/@powercore2000)
- Github:  
<https://github.com/powercore2000>
- Itch.io:  
<https://powercore2000.itch.io>

## Education

Expected in 05/2025 (**In progress**)

California State University - Dominguez Hills

Carson, CA

Bachelors: Computer Science

Completed 2018

High-school Diploma: Gardena Senior High