

# IURI SEVERO

## Software Engineer/Game Developer

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🔗 <https://iurisevero.github.io/>

📍 Gama, Federal District, Brazil

## EXPERIENCE

### Founder/Engineer

#### Mach874k

📅 12/2019 - Present 📍 Brazil

Worked with several areas of game creation, but mainly with Unity3D on the development of Reality RPG (our augmented reality mobile game). I've also worked on APIs written in Python and Go; and the Cloud Infrastructure development with Kubernetes and GKE.

### Project Development Manager

#### Orc'estra Gamificação

📅 02/2020 - 10/2020

As the Project Manager for the Hallelujah project, I led a team of four developers in the development of a dynamic mobile application. With a focus on client-server architecture, we employed React Native for front-end development and Flask for creating a robust back-end API. The API was responsible for transferring data from the client's database to our PostgreSQL database, ensuring seamless integration and an enhanced user experience on the front-end.

## ACHIEVEMENTS



#### MadJam 2022 (Game Jam)

2nd Place <https://iurisevero.github.io/certificates/#madjam>



#### ICPC Participation

<https://iurisevero.github.io/certificates/#international-collegiate-programming-contest>



#### OBI (Brazilian Programming Olympics)

68° of 1821 participants  
<https://iurisevero.github.io/certificates/#brazilian-programming-olympics>

## SKILLS

C++

Python

C#

Unity3D

K8S

Go

Git

Docker

Docker-compose

Flask

SQL

PostgreSQL

## LANGUAGES

English

Proficient



## EDUCATION

### Software Engineering

University of Brasilia

📅 2017 - 2023

## PROJECTS

### Course Completion Project

📅 2022 - 2023

🔗 <https://github.com/UnMUD/UnMUD>

UnMUD is a Multi-User Dungeon MUD created as a Research and Course Completion Project at the University of Brasilia. The primary objective was to develop a deployable MUD codebase (CI/CD) and integrate it to a relational database (PostgreSQL) while focusing on increasing test coverage, enhancing clean code, upgrading tooling, and enforcing new C versions best practices.

### iGado

📅 10/2020 - 12/2020

🔗 [https://github.com/UnBArqDsw/2020.1\\_G13\\_iGado/tree/master](https://github.com/UnBArqDsw/2020.1_G13_iGado/tree/master)

- Participated in requirement elicitation, methodology design, architecture planning, and development
- Adopted Design Sprint variation, used Ishikawa Diagram for elicitation techniques
- Utilized Bizagi Modeler with BPMN notation for methodology design
- Implemented Client-Server architecture, developed front-end in Flutter, and back-end in Python/Flask

### Aix - Chatbot Python

📅 03/2019 - 07/2019

🔗 <https://github.com/fga-eps-mds/2019.1-Aix>

- First experience with proper project development
- Learned Rasa machine learning framework (Python)
- Gained knowledge in APIs, web crawling, unit tests, and documentation
- Developed soft skills in teamwork through Scrum and Pair Programming
- Led ceremonies and held 1:1s, improving verbal and written communication skills

## TRAINING / COURSES

#### Courses:

<https://github.com/mach874k/course-iuri>

#### Competitive programming:

<https://github.com/iurisevero/Exercicios-PPC>