EXPERIENCE

• University of the Bío-Bío

Part-time Software Engineering teacher for Bachelors in Computing and Informatics.

Concepción, Chile

April 2024 -

• University of the Bío-Bío

Teacher Assistant in Software Engineering for Bachelors in Computing and Informatics.

Concepción, Chile

August 2023 - Jan. 2024

• Chilean Informatics Olympiad (OCI)

Competitive programming teacher, C/C++.

Concepción, Chile

April 2022 – July 2023

Volunteering

• GitHub Inc.

California, United States

2023 —

 $GitHub\ Campus\ Expert \diamond$

- Lead a software development community at my campus, focusing on spreading open source.
- o Organise events to promote collaborative development open to all majors at my university.
- Create inclusive and safe spaces for students to share programming resources and technology.
- Re-Volt: OpenGL (https://rvgl.org)

Software Developer, Core Maintainer Team Member

Jan. 2022 —

- C/C++: Implement synchronisation fixes to the multiplayer aspect of the game, while also fixing general issues reported by its players.
- GitHub/GitLab: Work with a remote team of developers from all over the world to continuously release new game updates, as well as version control to maintain the game's codebase and workflows.
- o mdBook: Write documentation for new game patches.
- \circ Interact with the game's community of over 5000 players to resolve bugs and add new features to the game.
- Re-Volt America (https://rva.lat)

Lead Software Developer

May 2021 —

- Ruby on Rails: Design and develop a community website which serves thousands of visitors every month.
- Capistrano: Implement deployment workflows with Capistrano and GitHub Actions to bring Re-Volt America's web application to production.
- MongoDB: Design, implement and deploy database models and relations.
- Redis: Reduce load times in heavy services and views using Redis Caching.
- Sentry: Set up Sentry to handle errors and exceptions thrown by the application in production.
- o Rake: Design and maintain several deployment workflows using Ruby Make (Rake).
- Mojang Studios (https://mojang.com)

Stockolm, Sweden

 $Official\ Translator\ and\ Proofreader\ for\ Minecraft,\ the\ popular\ videogame \ \diamond$

2017 —

- o Translate Minecraft, the popular videogame, into several languages like Spanish and English UK & AU.
- Proofread official translations for Minecraft and its launcher, which then ship to billions of users.

EDUCATION

• University of the Bío-Bío

Concepción, Chile Mar. 2020 – Jan. 2024

Bachelor in Computing and Informatics

Speaking

• Contributing to Open Source, a practical guide \diamond Santiago, Chile I was invited by GitHub to give a talk on how to contribute to open-source projects at DUOC UC. O4/2024

• Git/GitHub Workshop ⋄ Concepción, Chile

*Presented Git and GitHub's fundamentals, along with practical exercises for all attendees.

*O8/2023**

• Ruby on Rails Workshop ♦ Concepción, Chile

*Introduced Ruby on Rails for full-stack web development.

*O9/2023**

CERTIFICATIONS

• GitHub Foundations: https://www.credly.com/badges/7cc1c714-3511-4d48-8281-8e23089fad25/public_url

PROGRAMMING SKILLS

- Languages: C/C++, Java, Ruby, Python, PHP, Haml, Sass, TeX
- Frameworks: Ruby on Rails, Liquid, wxPython, Yii
- Cloud: DigitalOcean, Azure
- Technologies and Tools: Capistrano, Rake, MongoDB, Redis, Maven, Gradle, Guice, PyInstaller, Docker, Git, GitHub Actions, vsftpd

LANGUAGES

- Spanish (Native)
- English (C2)
- Italian (B2)