

Fabián Orccón

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I am a creative and autodidact person. From a very young age, I have contributed to various free and open source software (FOSS) projects involving mainly Desktop development and multimedia applications and libraries for GNU/Linux. My passion for FOSS has led me to become an official member of the GNOME Foundation since 2017 and to enroll as mentor for Google Summer of Code 2020 in Pitivi.

WORK EXPERIENCE

Associate Software Engineer

Endless Mobile Inc, [🔗](#)

2018 – 2020

This company develops the Operating System called "Endless OS" with the vision of reaching out the "next billion consumers". I started in the platform team, and switched to the Hack team that develops an app to teach kids to learn coding.

Achievements/Tasks

- Hack Team: Web development in React
- Hack Team: GTK+ Application development. I worked with a multidisciplinary team which involved from script designers to software engineers to create various parts of the Hack product.
- Hack Team: GStreamer-based sound server development and maintainance. I worked together with a sound designer to develop a sound API for videogames using Dbus.
- Hack Team: GNOME Shell developement. I created Dbus interfaces and UI components for the Endless OS desktop environment.
- Platform Team: Automated visual testing with OpenQA.
- Platform Team: Knowledge apps SDK maintainance. I was the maintainer of a SDK used in most of the applications developed by Endless. Tasks involved periodical releases, maintenance and bug fixing. [🔗](#)

Software Developer

Yaroslab [🔗](#)

2017 – 2018

Yaroslab offers their customers business solutions to their daily operations through Odoo, an open-source ERP software written in Python.

Achievements/Tasks

- Point-of-sale. Customization and bug fixing of our module based on the Odoo POS module.
- Development of modules for accounting and warehousing.

Student developer

Google Summer of Code 2017 [🔗](#)

2017

I have successfully completed the program called Google Summer Of Code 2017 in which students around the world are selected to contribute to FOSS projects and receive a payment from Google.

Achievements/Tasks

- Fix Libpeas, a plugin system library, to allow to implement plugin managers in Python. [🔗](#)
- Implement a plugin system for Pitivi, video editing software, using Libpeas. [🔗](#)

Student developer

Google Summer of Code 2014 [🔗](#)

2014 – 2014

I have successfully completed the program called Google Summer Of Code 2014 in which students around the world are selected to contribute to FOSS projects and receive a payment from Google.

Achievements/Tasks

- Implement a plugin for GStreamer (GstImageSequenceSrc) to display a sequence of images. [🔗](#)
- Implement the UI of Pitivi to handle the GstImageSequenceSrc plugin [🔗](#)

SKILLS

GStreamer application & plugin development

GES

GObject

GTK+

OpenCV

C

C++

Python

DBus

flatpak

Linux

OpenQA

Git

Javascript

React

Angular

Django

EDUCATION

Informatics Engineering

Pontificia Universidad Católica del Perú

PERSONAL PROJECTS

gst-plugins-cheese (Snapchat-like effects) [🔗](#)

- Develop an algorithm to track multiple faces using the Hungarian Method, a HOG detector and a Median Flow tracker.
- Implement the algorithm as a plugin a GStreamer plugin and create plugin to overlay images over faces.
- Implement the plugin as part of the webcam application Cheese.

CONFERENCES

GUADEC - Thessaloniki, Greece (2019)

I presented my personal project (gst-plugins-cheese) project.

GUADEC - Manchester, UK (2017)

I presented my project developed during the Google Summer of Code 2017 for a plugin manager implementation in Pitivi.

Participating in GSoC - Lima, Peru (2015)

I talked in the IBM Peru headquarters about my experience on the Google Summer of Code.

GUADEC - Strasbourg, France (2014)

I presented my project developed during the Google Summer of Code 2014 for a n image sequence plugin implementation in GStreamer and Pitivi.

ORGANIZATIONS

GNOME Foundation

Official member

LANGUAGES

English

Professional Working Proficiency

Spanish

Native or Bilingual Proficiency

INTERESTS

free software

innovation

computer vision

AI

3D graphics

linux

value investing

foreclosure investing

chess

ultimate frisbee