

Silvano Cerza — Software Developer Perugia, Italy

 silvanocerza.com

 /users/4156301

✉ silvanocerza@gmail.com

 [/silvanocerza](#)

 [/in/silvanocerza](https://www.linkedin.com/company/silvanocerza)

I enjoy working on different platforms and technologies, but most of my time is spent writing desktop or mobile applications with Qt, a C++ framework. I also worked on some web applications in Django and use Python whenever C++ is not the best fit for the job. Mostly for personal projects I've also worked with the frontend stack throughout the years. I'm never scared to tackle a new task using unknown languages or technology, in fact it's something that I aim for since I believe it's the best way to learn something new.

Work Experience

Evonove

 evonove.it

I work mostly on desktop and mobile applications in C++ using the Qt framework; worked on web applications in Python based on the Django framework. On occasion I also train newcomers and interns on Git, C++ and Python. I've also had the chance of managing small projects.

C++ Qt QML Qt Quick Python Django

Feb 2015 - May 2019

Molecular Horizon

 molhorizon.it

I work on several cheminformatics projects, I focus mainly on GUI development in C++ using the Qt framework, but also had the chance to contribute with the scientific team to the core components of the products.

C++ Qt QML Qt Quick

Jun 2019 - Present

Work Projects

Kibitzer

 moldiscovery.com/software/moka/

Kibitzer is a desktop app to train computational models used to predict molecules' pKa values.

Integrated several C and C++ libraries in a multi threaded model to parallelize their execution to speed up the statistical computation for a better user experience.

C C++ Qt QML Qt Quick

Qnite

 /evonove/qnite/

An open source library to create charts declaratively in OML.

I contributed by adding several features like charts zoom and bug fixing.

C++ Qt QML Qt Quick

King Maker

 [/evonove/king-maker/](https://github.com/evonove/king-maker/)

A script to scrape a Kickstarter project's comments, creates a ranking of users that contributed the most.

Python Selenium lxml

Kinetica

Desktop application written for sport trainers that receives data from sensors attached to athlete's body to show realtime informations of current exercise and movements mapped to 3D model.

I built the UI and integrated the OGRE game engine into OML to show the 3D human model.

C++ Qt QML Qt Quick OGRE 3D

MKM SDK

 [/evonove/mkm-sdk/](https://github.com/evonove/mkm-sdk/)

An open source SDK for Magic Card Market, uses reflection to dinamically resolve the API endpoints.

Python OAuth

Babel Tower

 [/evonove/babel-tower/](https://github.com/evonove/babel-tower/)

A script to edit Qt translation files from a given CSV containing a set of various languages translations.

Python lxml

Personal Projects

Cute Code Accessor

 [/silvanocerza/CuteCodeAccess](https://github.com/silvanocerza/CuteCodeAccess)

Cute Code Accessor is a plugin for Unreal Engine that enables the use of Qt Creator as its IDE.

[C++](#) [Unreal Engine](#)

Bank Reader

 [/silvanocerza/bank-reader](https://github.com/silvanocerza/bank-reader)

A scraper for my personal bank account, used to monitor how I spend my money.

[Python](#) [Django](#) [Scrapy](#) [Lua](#) [Vue.js](#)

Datadog Agent

 [/DataDog/datadog-agent](https://github.com/DataDog/datadog-agent)

Datadog Agent is an open source monitoring tool.

I contributed to Six, a C++ wrapper around the CPython API supporting multiple versions of Python that can be used by other languages like Go.

[C++](#) [C](#) [CPython](#) [Go](#)

Spectrum

 [/silvanocerza/spectrum](https://github.com/silvanocerza/spectrum)

An highly customizable Hugo theme based on the CSS framework Bulma.

[Sass](#) [CSS](#) [Bulma](#) [Hugo](#)

This resume

 [/silvanocerza/resume](https://github.com/silvanocerza/resume)

This resume has been completely written in HTML and Scss. Uses a small Dart script and dart-sass to compile and minimize Scss sources.

[HTML](#) [Dart](#) [Sass](#) [CSS](#)