

# Benito Palacios Sánchez

Software Developer



 **Web**  
[pleonex.github.io](http://pleonex.github.io)

 **LinkedIn**  
[@pleonex](https://www.linkedin.com/company/pleonex)

 **GitHub**  
[@pleonex](https://github.com/pleonex)

22 August 1993

Rue du Marché-Neuf 48  
2503, Bienne, Switzerland

**Mobile:** +41 77 816 40 58

**Email:** [benito356@gmail.com](mailto:benito356@gmail.com)

**Skype:** benito\_356

## Experience

- 2019 - Present    **Swiss Timing LTD**, Corgémont, Switzerland  
*Software Developer*
- Develop framework for sport timing and score software.
- 2015 - 2019  
3 years    **Real-Time Innovations (RTI)**, Granada, Spain  
*Software Engineer*
- Expertise in Industrial IoT technology: RTI Connex DDS.
  - Lead developer of the [C# API for RTI Connector](#).
  - C# General Language Knowledge Point of Contact.
  - IDL to C# mapping specification.
  - Lead developer of [RTI LogParser](#).
  - Develop new build system: CMake, Gradle, Python, Jenkins.
  - Customer on-site visits with the professional services team.
  - Member of the technical support team for 2 years.

## Education

- 2011 - 2015    **University of Granada**, Granada, Spain  
*4 years BS Electrical Engineering (8.0 / 10)*
- Telematics specialty: networks and protocols.
  - Dissertation: Data protection mechanisms in video games.

## Languages

**Spanish**  
Native

**English**  
Full Professional

**French**  
Basic Professional

# Projects

---

- 2013 - Present **Yarhl**, [github.com/SceneGate/yarhl](https://github.com/SceneGate/yarhl)  
*Author* - Technologies: C#, NUnit, CI, code coverage  
High-quality library for file format converters.
- 2015 - Present **Atom autocomplete XML**, [atom.io/packages/autocomplete-xml](https://atom.io/packages/autocomplete-xml)  
*Author* - Technologies: CoffeeScript  
Plugin for Atom text editor to autocomplete XML files from XSD.
- 2014 - 2017 **IEEE Student Branch of Granada**, Granada, Spain  
*Founding Board Member and Project Leader*  
Student organization for engineering projects. Leader of robotic arm project. Participate in national and global events.
- 2013 - 2014 **IV Tech Challenge**, [github.com/Prometheus-ETSIT/locaviewer](https://github.com/Prometheus-ETSIT/locaviewer)  
*Member* - Technologies: DDS, encodings, Bluetooth, Java, Octave  
Winner team. Developed software for supervising babies in the kindergarten by locating them and selecting the best camera.
- 2011 - Present **TraduSquare & GradienWords fan-translations**, [tradusquare.es](https://tradusquare.es)  
*Localization Engineer* - Technologies: C#, ARM assembly  
Programmer of tools to edit text, image and assembly files.  
Done several talks and streamings about the projects.
- 2010 - 2016 **Tinke**, [github.com/pleonex/tinke](https://github.com/pleonex/tinke)  
*Author* - Technologies: C#, WinForms  
Program to edit Nintendo DS games.

# Qualifications & Hobbies

---

- Loves C# language and its technologies: .NET Standard, WinForms, XWT, MEF, Mono.Addins and quality tools: NUnit, AltCover, StyleCop and SonarQube.
- Expert in Python and CMake. Knowledge in C, C++, Java, Matlab and NodeJS.
- Expert in Git and Linux. Knowledge in CI: Travis/AppVeyor, Bamboo, Jenkins.
- Game security. Research and hacking of encryption, compression and low-level hardware details of games. Talks and streamings about this topic.
- 4 times participant of IEEEExtreme 24-hours non-stop programming competition. Winner team for Spain in 2017 edition (without sleeping!).
- Low-level programming with Arduino and Microchip.