# lesús Leganés-Combarro

Vocational computers engineer with experience from research and low-level operating system design, up to web backend and scripting Interested on systems programming, high-edge technologies, new specifications, innovative products, and design of intuitive APIs Proud advocate of free software and good practices

Online profiles

GitHub LinkedIn

https://github.com/piranna

StackOverflow

http://www.linkedin.com/in/piranna http://stackoverflow.com/users/586382/piranna

Formal academic May 2016 training

Rey Juan Carlos University

Móstoles (Spain)

cell phone: +34-630473957

#### Computer Engineer diploma

- Thesis: "NodeOS, lightweight operating system for Node.js" (graduated with distinction)
- http://node-os.com, https://github.com/NodeOS/NodeOS

#### **Achievements**

Honorable mention for PirannaFS, V CUSL (Spain Free Software University Championship) 2011 Membership grant for 3DS (3 Days Start-up) program 2012

Finalist of the OpenITP first Grant Proposal 2013, candidate of Mozilla WebFWD 2013 and winner of Most Innovative Project award at VII CUSL 2013 for Sharelt!

Winner in Systems category for NodeOS, IX CUSL 2015

Final stage (in-site interviews) for Google at Zurich (2018) and Amazon AWS at Dublin (2019)

## **Highlighted jobs** and projects

December 2019 – Currently BotXO

Alcorcón (Spain)

# Tech Lead backend

- Split monolith architecture to multi-servers to improve performance
- Design and develop automated CI pipelines and development environment Python, Django, AWS, Azure DevOps, ChatBots, PyTest, Docker

September - Nov. 2019

**Bpost** 

Brussels (Belgium)

#### Node.js expert & Best practices counselor (contractor)

Control quality of source code, and formation about Node.js projects best practices Node.js, Express, MongoDB, DialogFlow, ChatBots, Jest, Docker, Google Cloud

January - August 2019

lingbe - iTalki

Madrid (Spain)

#### CTO, Lead Architect & Tech lead

- Design architecture and full stack refactor for 2.0 version
- http://www.lingbe.com, https://www.italki.com

ReactNative, Node.js, Express, MongoDB, XMPP, AWS

UnifyMe

March 2017 - Nov. 2018

Barcelona (Spain)

# CTO, Lead Architect & Co-founder

Design architecture of uCaaS platform

ReactNative, Node.js, Express, MongoDB, PostgreSQL, GraphQL

March 2016 – March 2017 Rey Juan Carlos University Móstoles (Spain)

## PhD. candidate in Computer Science (dropout)

"Visualization methods and techniques applied to co-focal microscopy neurological images"

July 2013 – June 2015 Kurento - Twilio Fuenlabrada (Spain)

#### **Technical assistance - Researcher**

- Design of WebRTC APIs for Javascript, Node.js and HTML5
- Company adquired by Twilio
- https://www.kurento.org, https://github.com/Kurento/kurento-client-js

## More detailed job experience dated back up to 2004 is available at my LinkedIn profile

Main contractor projects (since 2012)

May - July 2019

Wasmer (remote)

San Francisco (United States)

Senior developer

Port open source C/C++ and Rust applications to WebAssembly architecture

Nov. 2018 - March 2019

Ventrata (remote)

Brno (Czech Republic)

**Embedded engineer** 

Add support to node-canvas Node.js module for direct access to the Linux framebuffer FbDev device

July - Nov. 2018

Takeafile - Tyris

Valencia (Spain)

Lead developer

- Design of Open Source high performance Node.js streams-oriented file transfer protocol
- https://takeafile.com, https://github.com/Takeafile

May 2017 - Nov. 2018

Quantum BA - Foqum

Madrid (Spain)

#### Senior developer - Open Source evangelist

- Django, React and React Native architect
- https://www.sonneil.com, https://play.google.com/store/apps/details?id=com.flowtag

May - August 2018

forMarketer

Valencia (Spain)

Lead developer - Node.js and React architect

July 2017 – January 2018

Qvantel

Madrid (Spain)

Senior developer - Django and Node.js expert

January - June 2017

Meniga / Caixabank (remote)

Reykjavic (Iceland)

Senior lead developer - team manager

Python, web scraping

December 2015 – Dec. 2016 Telefónica I+D

Madrid (Spain)

# Node.js expert & C++ Senior developer

- Design of IoT APIs for Node.js, cloud storage & Movistar+ Video on-demand CDN
- https://github.com/ContextBroker

July - December 2015

Telepado (remote)

Dubai (United Arab Emirates)

Node.js expert - Senior WebRTC specialist

https://telepado.com

Dec 2012 - October 2013

eFace2Face (remote)

Florida (United States)

**Programmer engineer - Senior WebRTC specialist**