Jaime Joseba HIDALGO GARCÍA

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SUMMARY

Master of Telecommunications Engineering specialized in DevOps, cybersecurity and networking. Experienced in developing and leading real engineering projects. Seeking to obtain a position in a high challenging engineering environment where my academic skills, experience and creativity will add highest value to the organization.

EDUCATION

AUG 2018 - AUG 2019	**Master of Information Technology and Management** Illinois Institute of Technology, Chicago Major: Computer and Information Security | Current GPA: 4.0
OCT 2017 - JUL 2018	**Master of Telecommunications Engineering** University of the Basque Country, Spain Major: Telematics - Computer Science
SEP 2013 - JUL 2017	**Bachelor's Degree in Telecommunications Engineering** University of the Basque Country, Spain Major: Telematics - Computer Science

ACHIEVEMENTS

MARCH 2018	Rank #1 in Bachelor's Degree in TELECOMMUNICATIONS ENGINEERING Achieving highest promotion score of 10/10
JULY 2017	Honors in Bachelor's Thesis with a score of 10 Thesis: *"Analysis and implementation of real-time machine learning models in Big Data platforms and sensible to concept drift"*
JULY 2017	Bizkaia Talentia Program Certification Participated in the Bizkaia Talentia Program (2016-2017), targeted at undergraduate seniors with an excellent academic record and other skills identified and evaluated by university authorities
2014 - 2018	IDOM Prize for the best academic records in Engineering School Four times awarded the special prize for achieving the highest grades (2014, 2016, 2017, 2018)

EXPERIENCE

2017 - 2018	**Bilbao Dynamics** - Bilbao (Spain) Engineer and Teacher • Non-profit organization of volunteers that teach electronics, robotics, and programming • Organized multiple courses and volunteered in teaching diverse knowledge areas • Designed and developed software that helped the organization gain awareness and ease education	| bilbaodynamics.com
2016 - 2017	**Noisewatch Project Team** - Bilbao (Spain) Software Engineer • Multidisciplinary team hired by city council for reducing noise pollution • Directed the software team and designed a complete solution for the device • Assisted the hardware team in noise measurement signal processing • Achieved new technical skills, improved in teamwork and trained myself to work in professional engineering environments	| www.noise.watch

Personal Projects

MusicBOO   Multiplatform music and video downloader | musicboo.hontzakdio.com
- Developed a free video and music downloader, player and converter
- With over 3000 users, maintained the backend online since 2015

YarHarPictor   PIC16 ROM Flasher
- Programmed a PIC16 microcontroller ROM flasher and memory viewer via serial port
- Adopted by university microcontroller course to assist students implementing their programs

notMAIL   Message and Notifications delivery protocol
- Invented an email replacement focused on notifications managed by user controlled subscriptions
- Designed the protocol specification and communications API
- Programmed multiple API libraries for different languages
- Implemented a server node and two independent clients (webapp and Raspberry PI)

LeagueInfo   Online game players tracker
- Created a League of Legends' players online tracker with a notification system
- Allowed to spectate games when that feature was not available in the official client

SSM   Server management tool for sysadmins (university course project)
- Facilitates reporting multiple servers or IOT devices' status from a central platform
- Allows to send batch commands and gather information from a list of servers

musicBOT   Two wheel programmable robot
- Designed a programmable (numeric pad and twitter) two wheel robot based on a PIC16
- Participated with a workmate in designing from scatch a 3d printable chassis

Skills

LANGUAGES	Spanish, English, Basque, French (Basic)
PROGRAMMING	C, Java, Nodejs, Bash, Python, Matlab, Web Stack
TECHNOLOGIES	Networking, Linux, Cloud Computing, Kubernetes, Pentesting, Blockchain
OTHER KNOWLEDGE	Electronics, Signal Processing, Office
HOBBIES	Rubiks Cubes, Video Games, Roller Skating, Lan Parties