Jaime Joseba HIDALGO GARCÍA

jjhidalgar@gmail.com   +1 (312) 934-8690   linkedin.com/in/jjhidalgar   github.com/jaimehrubiks

Professional in DevOps, Cybersecurity and Networking

EDUCATION

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

EXPERIENCE

FEB 2017 - DEC 2018 — **Bilbao Dynamics** - Bilbao (Spain) \| bilbaodynamics.com
Engineer and Teacher
- Non-profit organization that teaches 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

JUN 2016 - SEP 2017 — **Noisewatch Project Team** - Bilbao (Spain) \| www.noise.watch
Software Engineer
- Multidisciplinary team hired by city council for reducing noise pollution
- Directed the software team and designed complete solution for the device
- Assisted the hardware team in noise measurement signal processing
- Achieved new technical skills and trained myself to work in professional engineering environments

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

ACHIEVEMENTS

MAR 2018 — Rank #1 in Bachelor's Degree in TELECOMMUNICATIONS ENGINEERING
Achieving highest promotion score of 10/10 \| Obtained special honors in 18 courses

JUL 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"*

JUL 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 \| 2016 \| 2017 \| 2018 — IDOM Prize for the best academic records in Engineering School
Four times awarded the special prize for achieving the highest grades

PROJECTS

May 2015 — **MusicBOO** \| Multiplatform music and video downloader \| musicboo.hontzakdio.com
- Developed free video and music downloader, player and converter
- Maintained backend online since 2015 with over 3000 users

Oct 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

May 2017 — **notMAIL** \| Message and Notifications delivery protocol
- Invented email replacement focused on notifications managed by user controlled subscriptions
- Designed protocol specification and communications API
- Programmed multiple API libraries for different languages
- Implemented server node and two independent clients (webapp and Raspberry PI)

Nov 2018 — **SSM** \| Server management tool for sysadmins (university course project)
- Facilitates reporting multiple servers or IOT devices' status from central platform
- Allows to send batch commands and gather information from a list of servers