Jaime Joseba Hidalgo García

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Master of Telecommunications engineer specialized 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 Research Thesis on Kubernetes | Other courses: Cloud Computing (AWS) & OS Virtualization
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, Javascript (NodeJS), Bash, Python, VHDL, Matlab, Web Stack
Technologies	Kubernetes, Amazon AWS, Pentesting, Networking, Linux, Blockchain
Other Knowledge	Electronics, Signal Processing, Office

Projects

Jul 2019	*"Study of on-premises Kubernetes deployment for university cloud infrastructure"* | Illinois Institute of Technology MSc. Thesis • Study of viability and deployment of multi-node Kubernetes cluster on university's datacenter
Jul 2017	*"Analysis and implementation of real-time machine learning models in Big Data platforms and sensible to concept drift"* | University of the Basque Country BSc. Thesis • Implemented state-of-the-art algorithm to early detect and adapt to concept drift • Designed three-tier cluster infrastructure using Kafka, Spark & Redis to preprocess before ML
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
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 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

Achievements

Mar 2018	Rank #1 in Bachelor's Degree in Telecommunications Engineering Achieved highest promotion score of 10/10 | Obtained special honors in 18 courses
Jul 2017	Honors in Bachelor's Thesis with a score of 10
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