



CLARA JIMÉNEZ RECIO

Software Developer

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EDUCATION HISTORY

MASTER IN TELECOMMUNICATION ENGINEERING
ETSIT, Universidad Politécnica de Madrid 2016 - 2018

**BACHELOR OF ENGINEERING IN
TELECOMMUNICATION TECHNOLOGIES AND
SERVICES ENGINEERING**
ETSIT, Universidad Politécnica de Madrid 2012 - 2016



AWARDS

ALEXA CHAMPION

April 2023 - Present

**FINALIST + BEST GAMES & TRIVIA SKILL - ALEXA
SKILLS CHALLENGE: BEYOND VOICE**

January 2021

1ST PRIZE - ALEXA GAMES HACKATHON

September 2019

**1ST PRIZE - HACKATOWN: THE IOT
INTEROPERABILITY HACKATHON**

IoT Solutions World Congress (IoTWC) SymbloTe-Apps
challenge | October 2018

PRIZE HACKATHON TELECODE 2018

Prize sponsored by ViewNext | February 2018

1ST PRIZE #FOTOTECHUPM

November 2017



SCIENTIFIC PAPERS

**ALEXA-BASED VOICE ASSISTANT FOR SMART
HOME APPLICATIONS**

IEEE Potentials | August 2021

**PREDICTION OF THE DEGREE OF PARKINSON'S
CONDITION USING RECORDINGS OF PATIENTS'
VOICES**

9th International Conference on Soft Computing and
Pattern Recognition (SoCPaR 2017) | March 2018



ONLINE COURSES

NESTJS FUNDAMENTALS

NestJS | August 2023

INTRODUCTION TO DOCKER

Keep Coding | March 2020

INTRODUCTION TO SCALA

Keep Coding | September 2019

ALEXA SKILLS DEVELOPMENT

Amazon via Keep Coding | July 2019

MACHINE LEARNING

Stanford University via Coursera | Oct 2015 - Feb 2016

**INTRODUCTION TO INTERACTIVE PROGRAMMING
IN PYTHON**

Rice University via Coursera | August 2015

DEVELOPMENT OF CLOUD SERVICES WITH

HTML5, JAVASCRIPT AND NODE.JS

UPM via MiriadaX | April 2015 - June 2015

**DEVELOPMENT OF WEBAPPS WITH HTML5, CSS
AND JAVASCRIPT**

UPM via MiriadaX | Oct 2014 - Dec 2014



WORK EXPERIENCE

BACKEND DEVELOPER

Bipi | April 2024 - Present

Node.js, Express, TypeScript, MongoDB, Git, GitHub Actions,
Terraform, AWS, Jira, Confluence

FULLSTACK DEVELOPER

Gamelearn | September 2020 - April 2024

Software Development for a game-based e-learning platform
Node.js, Express, MongoDB, Redis, Git, React, Vue, Angular,
Docker, Kubernetes, AWS, Jira, Confluence

SOFTWARE DEVELOPER

Home Automation R&D+i Center (CeDInt), UPM

November 2016 - September 2020

Member of the Energy Efficiency and IoT research group
Java, Elasticsearch, Javascript, Bootstrap, Node.js, React
Native, Amazon Alexa, Internet of Things

R&D ENGINEER

Electronics Engineering Department (DIE), ETSIT, UPM

March 2016 - July 2016

Parkinson rating scale identification using voice recordings
Python, Bash, Machine Learning



AREAS OF EXPERTISE

Node.js	JavaScript	Express	MongoDB	Redis
Git	TypeScript	Python	REST	WebSocket
Alexa	AWS	Astro	Vue	React



PERSONAL PROJECTS



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REDISMB

April 2024

BICIMATH

July 2023

ALEXA SKILL: POCOYÓ

September 2022

CAT VS CARRIER

July 2021

ALEXA SKILL: GUESS WHO

January 2021

ALEXA SKILL: SANTA CLAUS

November 2020

ALEXA SKILL: THE WEREWOLVES GAME

July 2020

ALEXA SKILL: SIMON SAYS

ALEXA SKILL: KEYWORD

ALEXA SKILL: NIM

September 2019

**PARTICIPATION IN THE XIII EDITION OF THE VODAFONE
CONNECTING FOR GOOD AWARDS FOR INNOVATION**

July 2019

**PARTICIPATION IN THE XII EDITION OF THE VODAFONE
CONNECTING FOR GOOD AWARDS FOR INNOVATION**

May 2018



LANGUAGES

SPANISH	Mother Tongue
ENGLISH	B2 - Cambridge English First (FCE)