



# CLARA JIMÉNEZ RECIO

Software Developer

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## 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 [Sold to Appcano LLC in 2026]

### ALEXA SKILL: SANTA CLAUS

November 2020 [Sold to Appcano LLC in 2026]

### ALEXA SKILL: THE WEREWOLVES GAME

July 2020 [Sold to Appcano LLC in 2026]

### ALEXA SKILL: SIMON SAYS

### ALEXA SKILL: KEYWORD

### ALEXA SKILL: NIM

September 2019 [Sold to Appcano LLC in 2026]

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)



## 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 (IoTSWC) 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 vía 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