



# 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) SymbIoTe-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

Standford 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