

Andrés Ramos Seguí

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📄 AndresOverflow

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📁 Portfolio

ABOUT ME

I am a new grad from a **B.S. in Computer Science** looking for opportunities in a company that uses cutting-edge technologies and that offers a rich environment that allows me to grow while using my skills to improve the company's product.

SKILLS

Back End: Java, C++, Python, C, NPM, NodeJS, Express, NestJS, Jest, SQL, Git, Unix/Bash

Front End: HTML5/CSS, Sass JavaScript ES5/ES6, PHP, React, Redux, Responsive Design

PROJECTS

Healthy recipes

<https://github.com/AndresOverflow/HealthyRecipes>

Development of a web application that allows users to check healthy recipes that are created by other users. The users are allowed to publish their own recipes by registering on an Authentication system build with Firebase (Back End). The Front End of this project is build with JavaScript ES6, React, Redux and CSS.

Differential Evolution

<https://github.com/AndresOverflow/TFG>

A new Differential Evolution algorithm that applies population size reduction based on RAM-JAPDE that tries to find the global solution for a optimization problem within a bounded Search Space. Using C++ and armadillo library. This project was presented as my Bachelor's Thesis (A mark).

Compiler

<https://github.com/AndresOverflow/Compiler>

A compiler created from scratch that is able to recognize the syntax of a certain language and convert it to machine language. Then the code is converted to assembly's 68k code optimized and executed. Jflex and Cup libraries are used in order to do the Lexical and Semantic/Syntactic analysis respectively.

Spell Checker

<https://github.com/AndresOverflow/SpellChecker>

An orthographic corrector that detects a word is wrong in the dictionary. When a wrong word is found a list of new words is offered using concurrent programming and Levenshtein distance (dynamic programming). Applicaition build using Java and Model-View-Controller Software Architecture Pattern.

EDUCATION

4th Year Bachelor's Degree, Computer Science, 1st Class *Västerås, Sweden 2016 - 2019*

European Master's Degree equivalent (*Mälardalen University*)

Bachelor's Degree, Computer Science, 1st Class *Palma de Mallorca, Spain 2016 - 2019*

Specialism in Compilers (*University of the Balearic Islands*)

COMPETITIONS

Google Hash

5th highest-ranked team in Spain and 382th worldwide.

Global Game Jam

Won the category of the project with most potential.

HotelBeds Hackathon

Participated on the development of an application that uses API's information in order to develop routes for tourists based on their interests.

ADDITIONAL INFORMATION

Working permit I am European citizen with Spanish Passport. I would require visa sponsorship.