# AGUSTIN ARIAS, SOFTWARE ENGINEER
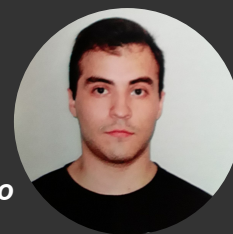
I have been coding since 2018, always looking for new challenges by participating in coding competitions on Codeforces. And solving hard problems from pages such as Codewars, Project Euler, Advent of Code 2019. *Note: most bold blue text contains links to github repos/webpages*. This document was written in LaTeX

## CONTACT

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- 🔗 Agustin Arias

## SKILLS

### *Programming*
- HTML/CSS ●●●●●
- Javascript/Typescript ●●●●●
- Python ●●●●○
- Bash ●●●●○

### *Operating Systems*
- Linux ●●●●●
- Windows ●●●○○

### *Software & Tools*
- ReactJS ●●●●●
- NodeJS ●●●●●
- Bootstrap ●●●●○
- SASS ●●●●○
- Redux ●●●●○
- React-Router ●●●●○
- Immer ●●●●○

### *Other*
- OOP ●●●●●
- Git ●●●●●
- Jira ●●●●●
- Unix Shell ●●●●●
- JSON & REST API ●●●●●
- Data Structures ●●●●○
- Algorithms ●●●●○

### *Languages*
- Spanish ●●●●●
- English ●●●●○
- German ●●○○○

## CERTIFICATES, ACHIEVEMENTS

- 🏆 Certificate of Proficiency in English (ECPE)
- 🏆 Golden Medal in Physics (Argentinian Physics Olympiad, OAF)

## ⚙ WORK HISTORY

- 📅 02/2020 - Currently
- 📍 Zination, Ottawa, Ontario, Canada.

Fullstack Developer

Django + AngularJS & React

### PERSONAL PROJECTS

#### DevConnector

This is a MERN stack application. It is a small social network app that includes authentication, profiles and forum posts.

**Demo**

#### Simple Markdown Previewer

Simple React Markdown Previewer made with the help of React, together with TypeScript, Bootstrap, font-awesome and some other npm packages. This web application was deployed to Netlify.

**Demo**                                        **Source Code**

#### Random Quote Generator

Random quote generator made with the help of React, together with Bootstrap, font-awesome and deployed to Netlify.

**Demo**                                        **Source Code**

#### Nurikabe Solver

Each puzzle consists of a grid containing clues in various places. The objective is to create islands by partitioning between clues with walls so that a number of rules are satisfied. This uses a **backtracking algorithm** to solve the problem.

**Source Code**

## 🎓 EDUCATION

- 📅 2019 - 2024
- 📍 Buenos Aires University

Master's in Computer Science

- 📅 2019 - 2022
- 📍 Buenos Aires University

Master's in Mathematics

- 📅 2020/03 - 2020/07
- 📍 Digital House Course, Buenos Aires

Fullstack web development