

# AGUSTIN ARIAS

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## EDUCATION

### University of Buenos Aires (UBA)

Master's in Computer Science

Buenos Aires, Argentina

Aug. 2019 – Dec. 2024

### University of Buenos Aires (UBA)

Master's in Mathematics

Buenos Aires, Argentina

Aug. 2019 – Dec. 2022

### Digital House

Fullstack web development with React and Node

Buenos Aires, Argentina

Mar. 2021 – Aug. 2021

## LEADERSHIP AND AWARDS

### Honor Mention in Mathematics Intercollegiate Competition (CIMA) | [credential url](#)

Apr. 2019

- My team was the only one that got into the leaderboard but consisted only of one person.
- More than 70 contestants and over 10 different careers participated in the competition.

### Golden Medal in the Argentina Physics Olympiad (OAF)

Oct. 2015

- Over 15 provinces and 20 schools participated in this competition
- Only 120 students would be selected for the national exam, out of which only a few would receive awards

## EXPERIENCE

### Fullstack Web Developer | React, AngularJS, Django, SQL

Jan. 2021 – Present

Zination - Shopify based apps with over 10K customers combined

Ontario, Canada

- Offered quick and easy solutions to clients such as a custom Shutterstock API built in django to add paid images to the Catalog Maker, among others; bringing several 5 star reviews due to my help.
- Assess and troubleshoot bugs and issues brought by customers for apps built with React, AngularJS as frontend and Django as backend.
- Refactor old code written in Python and Javascript improving its readability and efficiency. (Main pages now load 30% faster).

## PROJECTS

### DEVCONNECTOR | WEBSITE, GITHUB

Dec. 2020 – Feb. 2021

- Developed a full-stack social network application with profiles, posts and likes.
- Used React for the frontend, Node and Express for the backend, MongoDB for the database and Heroku as the host.
- Implemented basic authentication with stateless JWT authentication practices.
- Used Github's API to fetch the 5 most popular repos and add them to the user's profile together with stars and forks.

### DOTFILES CONFIGURATION | GITHUB

Sep. 2020 – Present

- Developed custom Bash and Zsh terminal themes along with aliases and functions that facilitate terminal manipulation and decrease the time spent in the terminal by at least 70%.
- Uploaded backups of Terminator (Terminal emulator), Vscode, Vim and custom keybindings.
- Used GNU Stow, a symbolic link manager, to quickly restore old configuration in a new system.

### RANDOM QUOTE GENERATOR | WEBSITE, GITHUB

Jan. 2021 – Jan. 2021

- Built ReactJS web application for fetching famous random quotes.
- With each fetch, the color of the whole page changes.

## TECHNICAL SKILLS

**Languages:** Javascript, Python, C++, MongoDB, MySQL, SQL (Postgres), HTML5/CSS3, Shell

**Frameworks & Libraries:** React(Hooks, Redux), Node.js, Express, Sequelize Python's basic libraries, C++ std libraries.

**Developer Tools:** Git, Unix Terminal, VS Code, Postman, Vim, Jira, Crontabs.

**Side skills:** OOP, MVC architecture, Data structures and Algorithms, Agile Methodologies (SCRUM).

**Competitive Programming:** 1st kyu in Codewars, solved first 100 problems of project Euler and participated in some Codeforces contests.

**Human Languages:** English (ECPE C2 exam), Spanish (Native), German (Goethe Zertifikat A1)