Matias Ramón Ruiz
Computer Engineer & Full Stack Developer

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I'm a Graduate Computer Engineer currently oriented to web development. I enjoy building applications from database design to user interface. I also like to face projects related to problem solving with algorithms and data structures.

EDUCATION

Universidad Nacional de Jujuy (2016 - 2022)
- Degree: Computer Engineering *(Ing. Informática)*
- Grade: 8.27

LANGUAGES

- Spanish: Native
- English: B2+

EXPERIENCE

NodKu │ Frontend │ Aug 2022 – Sep 2022

I worked at the startup where I also did my internship for college. Helping to:
- Refactor the codebase for a React Native application to use a new design-system.
- Improving React components performance through memoization and custom hooks.
- Contributing ideas for the development of internal applications critical features.

Tech Stack: TypeScript, React, React Native, Redux, Styled-Components.

Coopertino │ **Degree Project** │ Full Stack │ Nov 2021 – Nov 2022

My degree project, a web application that helps students to find study groups based on their needs, such as course, schedule and members range, that serves as parameters in a real-time pairing algorithm.

PROJECTS

PokéBattle │ Full Stack │ https://pokebattle.fun

Pokémon battle game, which is played in turns. With custom authentication and store, where player can buy items and Pokémons.
Tech Stack: Apollo Server (GraphQL), Prisma, React (Next.js), React Query, Chakra UI.

Chatcito │ Full Stack │ https://chatcito.fun

Real-time chat application where user can create custom rooms and add friends.
Tech Stack: NestJS, Prisma, Passport (Google OAuth), Socket.IO, React (Next.js).

Sealgo │ Frontend │ https://sealgo.vercel.app

Sorting algorithm visualizer, includes Bubble, Selection, Insertion, Merge and Quick algorithms.
Tech Stack: React, applying custom-hooks and generators.

SKILLS

Fundamentals
- Problem solving
- Algorithms
- Data structures
- Design Patterns

Programming Languages
- JavaScript/TypeScript
- Python

Frontend
- HTML, CSS
- React, Vue

Backend
- Node.js
- Express, NestJS
- GraphQL

Testing
- Jest, Supertest, Cypress

Database
- PostgreSQL, MySQL
- MongoDB, Redis
- TypeORM, Mongoose, Prisma

Deployment & workflow
- AWS EC2, NGINX, Docker, Git, Linux, Command Line