

# Juan Manuel Nuñez Bastidas

Electrical and Computer Engineer

📍 Madrid, Spain

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🌐 <https://www.juannunezportfolio.com/>

in [juan-manuel-nunez](#)

🐙 [Juanmanuba](#)

As a versatile developer with expertise in Python and React, I collaborate with teams to create innovative and user-friendly applications. Skilled in building responsive and accessible interfaces, I am stay up-to-date with industry trends and technologies. With excellent interpersonal skills and a can-do attitude, I am dedicated to delivering results and exceeding expectations.

## EXPERIENCE

### Nintia Estate

Software engineer

(January 2021 - February 2023)

- Developed 16 pages and 68 components for a web application using React, working in a team of 2 frontend developers
- Implemented CI/CD automation using GitHub and GitLab, resulting in a 20% reduction in deployment time and increasing overall efficiency of the development process
- Managed communication and collaboration within and outside the development team, providing a platform for more than 20,000 users in three quarters of the stipulated time.

🔗 <https://nintiaestate.com/>

### Personal portfolio

Software development

(December 2022 - January 2023)

- Frontend development with 25+ components using React
- Used Vercel for a push to deployed set up in my personal domain

### Reverse Maneuvers of an Autonomous Truck with Trailer

Software thesis work | Simon Bolivar University (Venezuela) & University of Delaware (USA)

(October 2019 - July 2021)

- Design and implementation of a truck-trailer system model using MATLAB
- Design and implementation of a trajectory tracking control algorithm using MATLAB
- Adapted a trajectory tracking control system using Python during a summer program with the IDS Lab of University of Delaware

### Mechatronics Research and Development Group - Simon Bolivar University

Software development

(April 2019 - December 2019)

- Deep Learning: Developed a traffic sign classifier with Convolutional Neural Networks using Python
- Digital Image Processing: Designed a CLAHE algorithm to equalize images for Underwater Applications using C++

## EDUCATION

### EUDE Business School

Big Data & Business Analytics

(October 2023 - Present)

### Simon Bolivar University

Master's degree in Mechatronics, Electronics Engineering

(September 2022 - Present)

### Simon Bolivar University

Electronic Engineer, Electronics Engineering

(January 2016 - March 2022)

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## SKILLS & INTERESTS

**Programming Skills:** HTML, CSS, JavaScript, React, Python, Numpy, OpenCV, Pytorch, MATLAB, C, C#, C++

**Other skills and interests:** Spanish (Native), investing in stocks and crypto, traveling