



# Juan Manuel Nuñez Bastidas

Electrical and Computer Engineer

 [juan-manuel-nunez](#)

 [Juanmanuba](#)

 Caracas, Venezuela

 [jmnsvm@gmail.com](mailto:jmnsvm@gmail.com)  +584241530922

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

(January 2021 - February 2023)

Junior software engineer

- 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

(December 2022 - January 2023)

Junior software development

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

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

### Reverse Maneuvers of an Autonomous Truck with Trailer

(October 2019 - July 2021)

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

- 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

(April 2019 - December 2019)

Software development

- 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

### Simon Bolivar University

(September 2022 - Present)

Master's degree in Mechatronics, Electronics Engineering

### Simon Bolivar University

(January 2016 - March 2022)

Electronic Engineer, Electronics Engineering

4.35 / 5

Certificate in young entrepreneurship | Association for Young Entrepreneurs, Simon Bolivar University

## 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