

# ALEXIS FRAUDITA

+58(412) 111-5669 ◇ Caracas, Venezuela

[cuatroalejandro@gmail.com](mailto:cuatroalejandro@gmail.com) ◇ [linkedin.com/in/alexis-fraudita](https://www.linkedin.com/in/alexis-fraudita) ◇ [alexfm101.github.io](https://alexfm101.github.io)

## RESUME

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Electrical engineer student (senior) with experience in software development focused on control systems, machine learning and web development.

## SKILLS

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**Technical Skills** Python, C/C++, Javascript, Pytorch, Unity3D, Reactjs, Arduino, MATLAB

## EXPERIENCE

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**Assistant Professor** Feb 2019 - Presente  
Universidad Central de Venezuela *Caracas, VE*

- Supervision of the digital systems and microprocessors laboratories helping students in the study of microcontroller programming and digital circuit design.

**Software developer** Sep 2011 - Presente  
Universidad Central de Venezuela *Caracas, VE*

- Development of my Bachelor thesis about a framework for the development of smart controllers using Reinforcement learning in robot manipulators.
- Research in Robot simulation, Reinforcement learning and fundamentals of robotics control and modeling using tools like OpenAI Gym, Mujoco, Unity3D, python and pytorch.

**Software Developer** Feb 2020 - Jan 2022  
Bloomcker *Caracas, VE*

- Development and lead a MPV desktop app as a product of the company to be used in different parts of Latin America using technologies like Reactjs, tailwindcss and flask.
- Development of frontend web applications for different clients in Europe and Latin America using technologies like Reactjs and Javascript.

**Electrical engineer Intern** Ago 2019 - Sep 2019  
TypeIQS *Caracas, VE*

- Development of a SCADA system interface for a photovoltaic system using Mango Automation and Angularjs.
- Design of UI/UX of the SCADA system using Illustrator and AdobeXD.

## EDUCATION

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**Central University of Venezuela**, B.S Electrical Engineer Sep 2022  
Caracas, VE

**ILAC**, English student High Intermediate I Sep 2012  
Toronto Ontario, CA