ALEXIS FRAUDITA

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RESUME

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

SKILLS

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

EXPERIENCE

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*

- Develop 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 as 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

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

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