

# SAMURO LIU

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## SUMMARY

Electrical and Electronic Engineer; Master degree in Automatic Control; Interested in Engineering positions.

## SKILLS

Power Systems	Languages	Softwares/Tools
- Control Theory and Systems	- <b>Spanish:</b> Native	- MS Office
- Power Electronics	- <b>English:</b> Intermediate - B2	- AutoCAD
- Protection of Electrical Systems	- <b>French:</b> Intermediate - B2	- MATLAB/Simulink
- SCADA and Automation	- <b>Chinese:</b> Intermediate – B2	- Cisco Packet Tracer
- Information and Industrial Networks		- PSS ADEPT
		- PCVue SCADA

## EDUCATION

Sep. 2018 – Sep. 2019	<b>Master - M2 in System, Control and Information Technologies.</b> <b>Specialty: Control and Systems Theory (MiSCIT/CST)</b> <i>Université Grenoble Alpes (UGA) / Grenoble, France</i> - Master of Science in Automatic Control and Systems (Modeling and Control) - <b>Main courses:</b> Robust Control, Optimal Control, Hybrid Systems, Non-linear Systems, Partial Differential Equations (Modeling of the systems and Control).
Sep. 2017- Jul. 2018	<b>Master - M1 in Electronic, Electrical Energy, Automation</b> <b>Specialty: Power Systems (M1-EEA/SEE)</b> <i>Université Grenoble Alpes (UGA) / Grenoble, France</i> - <b>Main courses:</b> Power Grid, Power Electronics. Electric Machines, Power Converter, System Representation, Automation, Embedded System, Feedback Control.
Mar. 2007 - Aug. 2013	<b>Bachelor degree in Electrical and Electronic Engineering</b> <i>Universidad Tecnológica de Panamá (UTP) / Panama, Panama</i> - <b>Main courses:</b> Calculus, Computer Programming, Differential Equations, Physics (Mechanic and Electromagnetism), Electronics (Analog, Digital and Power), Control Theory, Electric Machines, Communication Systems (Analog et Digital), Power Systems.

## EXPERIENCES

Mar. 2022 - present	<b>Service Manager for Central America y Caribbean (Smart PV - Solar)</b> <i>Huawei Digital Power / Panama, Panama</i> <b>Responsibilities:</b> - Management of utility-scale solar plant projects in all the stage to assure the successful delivery of the sold solutions - Provide post-sales service for the inverters business solution. - Supervise the installation and commissioning of the sold products/solution in utility-scale projects <b>Projects:</b> - Installation, commissioning and energization of the first utility-scale battery storage system (BESS) of Huawei in Latin America (BESS 4MWh-Guatemala) - Inspection and analysis of an textil manufacturing solar plant in El Salvador.
Jul. 2021 – Feb. 2022	<b>Electrical and Telecom Engineer</b> <i>Grupo Feamce / Coinseca Panama / Panama, Panama</i> - Assembly of two (2) cabins for the control and communication of a substation - Control and Communications wiring for the replacement of a new Remote terminal Unit (RTU) in an electrical substation.
Mar. 2019-Aug. 2019	<b>Master Thesis</b> <i>Ecole Nationale d'Ingénieur de Tarbes (ENIT) – Laboratoire Génie de Production / Tarbes, France</i> - Modeling and simulation of a power converter and the electromagnetic interferences.

<b>Apr. 2018 – Jul. 2018</b>	<b>Internship of Master 1</b> <i>Université Grenoble Alpes (UGA) – Electrical Division / Grenoble, France</i> - Development of a SCADA ( <i>GTC-Gestion Technique Centralisée</i> ) system for the supervision of selected equipments and installations in the university assets.
<b>Oct. 2014 – Jan. 2017</b>	<b>SCADA and Communication Engineer</b> <i>ENSA (Elektra Noreste, S.A.) / Panama, Panama</i> <b>-Main functions:</b> - Management and maintenance of the SCADA system of the power distribution grid. - Installation and setting of SCADA and telecommunication equipments of the substations. -Testing and Commissioning of SCADA equipments for new projects of substation and communication site.
<b>Mar. 2012 - Oct. 2014</b>	<b>Protection Engineer</b> <i>ENSA (Elektra Noreste, S.A.) / Panama, Panama</i> <b>Main functions:</b> - Management and maintenance of the protection schemes in the power distribution grid. - Setting, testing and installation of protection relays. -Testing and Commissioning of power grid protection equipments for new projects of substation and transmission lines.

### **HONORS & AWARDS**

*IFARHU-SENACYT-SFERE* Excellence Scholarship (Panama) for M.Sc. studies in France between 2017-2019