Paulina **Haixula**

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Year	Employer	Position	Projects and Responsibilities
2014	Triumphant College	Lecturer	**Lecturing the Telecommunication Engineering Field** • Fundamental of Electronic Communication 2. • Mathematics, Radio System. • Advanced Radio System.. **Lecturing the Electronic and Electrical Engineering Field** • Electrical and Electronic Application.
2015	Sat-Com	Junior Production Engineer	**PCB manufacturing in Pick and Place (P&P)** • Assisted in the Printed Circuit Board (PCB) population in P&P machine.
		Junior R&D Engineer	**Testing the Cheetah PSU and re-designing its Low Pass Filter (LPF)** • Perform Factory Acceptance Testing (FAT) on the Cheetah 3 PSU board and fine tuning of the LPFs. **Programming Sci-Lab projects on designing filter's** • Design a Sci-Lab software to help in fine tuning the LPFs.
		Junior Production Engineer	*Firmware uploading of DSP chips* • Perform firmware in-system programming on the DSP board and updated the programming manual.
		Junior R&D Engineer	**Rework of the power distribution PCB and Battery plate** • Perform adjustment on the Power distribution board PCB.
2016	Sat-Com	Junior Production Engineer	**Quality testing and troubleshooting the Leopard radio PSU boards** • Perform FAT and Troubleshooting on the Leopard PSU board
		Junior Production Engineer	**Quality testing and troubleshooting the DSP boards** • Perform FAT and troubleshooting on the Cheetah and Leopard Digital Signal Processing (DSP) boards. **Testing Media interface and DSP boards stack** • Perform FAT on the Media Interface (MI) and DSP stacks.
		Junior R&D Engineer	**Fine tuning the Leopard 1 LPF** • Perform fine tuning of the Leopard radio's LPF board.
2017	Sat-Com	R&D Engineer	**PSU Automated quality testing machine using National Instrument (NI)** • Develop an automating testing machine for testing the PSU's voltages.
		Manager	**Testing and Troubleshooting the PSU** • Supervising, training the Junior Engineer to perform FAT and troubleshooting the PSU boards.
2018	Sat-Com	R&D Engineer	**Fine tuning and redesigning the UHF filters** • Perform design adjustments on the Utra High Frequency (UHF) LPF for the Cheetah radio.
		FAT design Engineer	**Automating the LPF and Spur FAT using NI** • Upgrade the developed automated testing machine for testing the PSU by adding the LPF and spur test to the automated test.
2019	Sat-Com	FAT design Engineer	**Designing the NI PSU Jig bed of nails** • Writing project management report. • Designing the PCB.