	onate and details-conscious, I am excited to foster the very best of technology need to steer the world into a more liveable place.	
	EDUCATION JNIVERSITÉ DENIS DIDEROT PARIS VII 1004_2007 owning the diplomatariat	> SKILLS O HUMAN LANGUAGES Spanish ***
	Maths and Computer Science Masters Iniversité Denis Diderot: Maitrise de Mathematiques et d'Informatique Project: MiniOCaML interpreter (CaML) Research: Big Social Networks Topology — using Graph Theory to analyze online comunities (Perl & C)	Iengua materna French Iengua paterna
	Maths and Computer Science Bachelor Iniversité Denis Diderot: Licence de Mathematiques et d'informatique Project: Suffix Arrays, Algorithms, Analysis and Implementation (C)	English 2 años de vida en Australia Portuguese lived and worked 9 months in
) <i> </i>	LATEST WORK EXPERIENCE PRESIDENCIA DE LA NACION: TECHNOLOGY ARCHITECT took part of the intervention of a sector of the Presidencial office. My role was to ensure a smooth operation of the IT infrastructure	Brazil MANAGEMENT
() () ()	luring the intervention, and to staff and direct 3 National Directors roles. The intervention went on with 99% availability, we've set up plans that are urrently beeing executed to reduce cost and enhance reliability of all ervices and software platforms. also designed plans that are still in execution to migrate the office to Free software and develop secure comunications.	SCRUM/Agile *** Arquitecture *** Proceses ***
>	WORK EXPERIENCE FREE SOFTWARE I+D CONSULTANT LAPAZ	C, UNIX sh
ā H L	In 2019 I retook my consulting sectivity, working for a large group of diferent clients. Head of Software Developement: Evo Morales Campain ead the developement of the tools used to gather social media data during the Evo Morales	JavaScript, CSS, Lisp *** Python, Perl ***
[E	empain. I articulated with diferent political actors and was able to negociate political ensions to create a framework of colaboration. DataViz Expert: Projecto PODER ngaged in several shoot and run consultancies to unblock dataviz projects in the NGO rechnical Advising: Frente Patria Grande	O BOFH Packaging ***
,) <u>}</u>	articipated as an advisor to the creation of the 'Good Government' proposal presented to resident Alberto Fernandez. I worked mostly on the popular networks tainted proposals. 'EAR OFF 1018_2019 failing at trying to do nothing	SysAdmining ** Virtualization and Containers **
k	n 2018 i decided to take a break from working a full time job, i thought it'd be beach and coconuts but i ended up getting involved with various social organizations solving their technical issues. Consultancy Banco Palmas	> CONFERENCES O CHARLAS AGETIC LAPAZ 1
F	 Ni Una Menos MIDIA Ninja WABA Networks Research Partido Dos Trabalhadores 	O CONGRESO INTERNACIONAL DE SEGURIDAD INFORMATICA #1 COCHABAMBA 2018_DIC
2	MECA/Mezenazgos OISTRIBUTED R&D FLOSS ENGINEER 016_2017 getting data to places you wouldn't belive ENDLESS Endless Computers' mission is to bring top-shelf technology to	CONGRESO INTERNACIONAL DE SEGURIDAD INFORMATICA #2 COCHABAMBA 2018_DIC HACKERCAMP
\$ 5 1	he people living in the borders of our societies, the rich of the poor, that work hard to make a few hundred dollars but live in favelas and lums around the world, with poor connectivity, electricity or even basic ewage systems. In the OS team i researched the use of distributed technologies to better ounter the 'poor data plan' problem.	RIODEJANEIRO 2018_OCT SOLIDARIOS2018 FORTALEZA 2018_SEPT
[• Articulate with the NDN research community • Coordinate with the Product team to design cache-friendly application architectures • Research and proof-of-concepts on the large scale use of NDN in the 	CONGRESO FDE/MIDIANINJA BELLOHORIZONTE 2018_JUL VENEZUELA DIGITAL CARACAS
(industry General OS work Integration of the Steam Platform Integration of KALITE	CULTURAS LIBRES LAPAZ 2016_OCT COMUNES BUENOSAIRES
	FREE SOFTWARE I+D CONSULTANT On 1,2015 Technical Excellency with Open Technologies In the last years I have been working like a FreeLance consultant solving lifferent kinds of challenges, political and technical ones, for my diverse lients portfolio in the public and private sector.	DEMERGENCIAS #1 RIODEJANEIRO 2015_DIC EMERGENCIAS #2
7	Technical Advising and Project Management: Secretaria de Energía de la Nación • Programa Hogar Technical Advising and Development: Ente Nacional Regulador de la	RIODEJANEIRO 2015_DIC 1ER FORO DE CULTURA DIGITAL BUENOSAIRES 2015_OCT
E	Electricidad ■ Crisis Data Analysis Distributed Systems on BlockChain and the DHT: BlockTech ■ Software Arquitecture ■ Mixed DHT on UDP/Websockets	O NUEVOS ESCENARIOS DE COMUNICACIÓN POLÍTICA EN EL ÁMBITO DIGITAL, LAHABANA 2015_JUN O JORNADAS DE TECNOLOGO
٦	 Multi Plataforms Apps Technical Advising: Editorial de la Universidad de Buenos Aires Digital Television Air TV Proof-Of-Concept 	ABIERTA, UNPAZ JOSECPAZ 2015_MAY MEETUP NODEJS BUENOSAIRES 2014_JUL
1	Technical Advising and Development: Ministerio de Educación de la Nación • Educational Streaming Technical Advising: Comisión Nacional de Comunicaciones • Mesh Networks	JORNADAS "ARMAS PARA PUEBLO", UNLP LAPLATA 2014_OCT JORNADAS DE TELEVISIÓN
٦	 Mesh Networks Open Source Radio Technical Advising and Design: Universidad de Quilmes Camera Automation Sistem Closed-Circuit Television 	DIGITAL, UNQUI QUILMES 2014_FEB PUCARA POSADAS 2014_MAY
\	 Bootable Pendrive for Student University's Render Farm University's DAM Video Research: Neuropolis Frame Drop 	MICA PATAGONIA BARILOCHE 2013_DIC CECUENTRO DE ECONOMÍA SOLIDARIA #1 TANDIL 2012_NOV
	 Fechnical Advising and Proceses: SAGEM Open Source for big corporation Fechnical Advising and Performance: SmartJog Optimization of connection handeling for Radio and TV streaming 	O ECUENTRO DE ECONOMÍO SOLIDARIA #2 2012_NOV O ARTILLERÍA DEL PENSAMIENTO VS. FÁBRIO
	Software FECNICO-POLITICAL ADVISER: COMISIÓN DE TECNOLOGÍA DEL NSTITUTO NACIONAL DE ASOCIATIVISMO Y ECONOMÍA SOCIAL OPERA DE DIE DIE DIE DIE DIE DIE DIE DIE DIE	DE MENTIRAS, CARACAS 2011_SEP LINUX.CONF.AU (MINICONF) MELBOURNE 2008_JAN
f	The INAES (National Institute for Asociations and social Economy) is a division of the Ministry of social Developement whos main objective is the promotion, control and iscalisation of the Cooperative and Mutual movements. directed a Work Group focused on the developement of Technological Cooperatives soon as Startung.	CRISOL LAPLATA 2006_SEP ENCUENTRO MAYO SANTIAGODECHILE 2005_MAY
I	 Cooperatives seen as Startups ncubation of a «Cooperative Startup» RoadMap Design and Project Arquitecture Financial Management and Inversion Cycles 	
L	 Design of Argentina's first aboriginal TV station 100% Free Software, all code on <u>Github</u>. Political coordination of 3 Cooperatives for the developement of the tecnical parts of the TV Station. Project Management of the TV Station's innovative Playout System. 	
2	R&D FLOSS CONSULTANT: Oli_2012 FLOSS transformations for Governments and National Corps joined the http://covetel.com.ve cooperative to give a hand on their various Free Software Projects:	
[Processes Optimization: Designed and Installed a new Git Workflow based on Gitolite. Debian Packaging automation: Developed a set of tools on top of DebHelper to ease out the creation of configuration ackages (that Covetel Shipped to it's customers).	
(F	Adapt Canaima (The National GNU/Linux Distro) to the need of CanTV National Telco). The refresh the Canaima Building tools (30+ Patches merged). The regional Streaming. The sesigned and Deployed a Streaming Solution based on VLC, x264 and FFMPEG to get a regional	
]	V channel from one head to another across a small wire. R&D FLOSS CONSULTANT: Dill_2012 Performance Ninja & BT master As a consultant for CROLL I worked with the vo.do team essentially	
	 illesystem Performance Install and tune XFS filesystem for optimal performance for tracker workloads. 	
E	 Replace running solution to a much less resource-hungry one with 0 downtime. Patch OpenTracker for in-house need. Design, Implement and Deploy daemon to ease-in tracker workflow (Python). 	
	Processes • Audit and normalize development process (Git). **BUENOSAIRES*** **BUENOSAIRES** **BUENOSAIRES**	
2 V 6 t	The Social Inclusion Office of the Avellaneda city gave me a white card opportunity to run a little experiment in Isla Maciel (socialy excluded neighborhood). The goal of the bi-weekly sessions was to get kids o understand and ingest elements of the hacker culture.	
[The mind process we explored gave them new tools for their daily lives and better understanding of many technologies they are immersed in. Ouring those meetings, I use FLOSS for: Technological Appropriation Process • Getting participants to understand that technology is palatable.	
(de-mystification of tools they use on daily basis. Search-Hack-Remix Ideology. Computer Security Introduction and Self-Awareness Explore different security-breaching methods, their consequences and possible risk-minimization policies. 	
2	Basic Cryptography. **R&D SOFTWARE ENGINEER: PARIS ** **Embeded Linux** **PARIS ** ** **PARIS ** ** **PARIS ** **PARIS ** **PARIS ** ** ** **PARIS ** ** ** ** ** ** ** ** ** ** ** ** **	
t F	As a consultant for CROLL I was integrated inside the 'LATAM' eam, of Sagem. This section was selling consulting to Telefonica in Chile, Peru, Venezuela and Brazil. There I focused on integrating Open Source Tecnics and Methods into the Corporate Workflow.	
] (R&D SOFTWARE ENGINEER: 909_2011 Audio, Video, Streaming & Broadcast was integrated inside the 'Core' team, of the SmartJog TDF livision to work essentially on:	
	 In House» FFMPEG Maintainer. Patch for Broadcasters specific features. Reverse Engineering of media Formats (MXF, XDCAM,) QA, tests, stability. Back/Forward-Porting between FFMPEG, FFMBC and HEAD. 	
	 In House» Icecast Maintainer. Patch to add new streaming formats (FLV). Code Auditing for Performance and Scalability. Massive code cleanup (30+ patches sent to icecast-devel). 	
	 Porting/Fixing DVB drivers (C Kernel Linux). Designing and Developing a test framework for the internal Transcoding/Wrapping tool (Python, C). Optimize internal development processes (SCM, Release Management, Workflow and tools). 	
2	R&D SOFTWARE ENGINEER: OOT_2009 Linux Kernel Filesystem joined the SGI File-Systems R&D group in Melbourne to work nainly on the XFS File-System.	
F	MAPI (Data Storage Management API) maintainer. Parent Pointers feature for XFS. Vrote a File-System torture suite (C).	
ľ	 Migration of the source control from a closed source internal tool to Git. Wrote a set of scripts to migrate the old content to Git and keep the old SCM up-to-date when working in git (Perl). Wrote documentation, gave presentations to the group and orchestrated the 	
	• Git transition. Maintained large patchsets between diferent versions of the Linux Kernel. inux Community interaction, via Mailing-Lists and Real-Life events.	
(EMBEDDED LINUX ENGINEER: Denote the leading open source specialist in France.	
(Ip to the Fortune Forty. My diversified missions brought me to: Conceive, develop and deploy Embedded Systems build process and oftware	
	 inux Kernel Hacking: Kernel Device drivers (mainly Flash Devices/MTD). Fix bugs in a complex code base (Real-Time & Embedded Systems). Port code between different versions of the Linux Kernel. Study of the LTT and PREEMPT RT Patches-sets 	
[Study of the LTT and PREEMPT_RT Patches-sets Develop QA tools for Embedded Systems build process (Perl, Python). Debug and Optimize code for size and performance (C).	
\	Re-implement core components of the embedded system (Low Level C). Write Documentation, and make commercial presentations. **COIP CONSULTANT: ASSEKURANSA VoIP Interconnection**	
 	realized various missions in the IT departement of Assekuransa: Advice and design of Postfix transports (Perl). Design and Deploy a VoIP solution between their Mexican and Argentinian	
[Develop a Monitoring and Reporting tool for their local Hardware PBX (Perl, DBI/SQL).	
2	VOLUNTEER WORK SACHILLERATO POPULAR 915 joined a Popular Secondary School as a Mathematics teacher	
2 1 0 t	PROGRAMA ENVIÓN **DENOSAIRES** **DENOSAIRES*	
I	used Free Software Tools to: Technical Apropiation Process	
I	 Search-Hack-Remix ideology. ntroduction to Computer Security Exploits and their mitigation. Understanding the Political implications of Computer Security. Basic Cryptography. 	
2	SOLAR→CHELA BUENOSAIRES SOLAr (Software Libre Argentina), is an NGO helping the adoption of FLOSS Argentina, They helped me get through 2 missions: • Chela is an NGO in Buenos Aires, experimenting with arts and	
	 CheLA is an NGO in Buenos Aires, experimenting with arts and technology, and using both to unite Parque Patricios inhabitants. I was sent there by SoLAr to help them with their IT issues, migrate their systems to GNU/Linux and Develop tools that their artistic experiments required (C, Perl, Python). Casa Vela is an NGO dependent of the Alfonos Farias institution that helps AIDS infected/affected kids providing educational assistance, 	
	 and giving them access to various workshops. I gave a Computer Science & IT workshop to 6-16 year olds. I also was in charge of Installing and Administrating the Computer Lab. The network design had to cope with the scarce resources and unpredictable network topology/stability. I developed a set of tools based on Avahi to auto-configure and 	
	 I developed a set of tools based on Avahi to auto-configure and start using services while they appeared on the network (C, Python). 	
TA	IOBBIES NGO EE SOFTWARE	
	Butter Project Founder & Leader https://butterproject.org/ Popcorn Time Technical Leadership https://git.popcorntime.io/	
	Personal Github Hacks Hacks https://github.com/xaiki/ Politics and Society Writeups and Hacks (spanish https://github.com/malbec/ IceCast 30+ patches in the patches in t	cecast-devel
	Debian Full Developer QA Page INAES-tic State Hacks GitHub http://tic.inaes.gob.ar Linux Kern Commits Git Log	` '
	AVELS PTS AND MORE	