OLIVIER CASALTA
Project Engineer

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👥⚙ PROFESSIONAL EXPERIENCES

👥⚙ Systems Engineer

2020 - Today

QUASAR LTD, **Project Engineer, Christchurch, New Zealand** (click here)
➔ Development, design and commissioning of energy management system (EMS)
➔ Programming and configuration of controllers (SCHNEIDER)
➔ Writing functional specifications for Energy Monitoring Systems
➔ Development and deployment of load management software (CONTROL)

2018 - 2020
1 year
+ 10 months

SETPOINT LTD, **Commissioning Engineer, Christchurch, New Zealand** (click here)
➔ Design and commissioning of building management system (BMS)
➔ Configuration and programming of BMS controllers and software (SIEMENS)
➔ Carry out fine tuning and maintenance of mechanical services
➔ Commissioning BMS in HVAC for the new major constructions in Christchurch

👥⚙ Tender Manager

2015 - 2017
2 years

GE POWER (ex ALSTOM), **Tender & Methods Manager, La Courneuve, France**
➔ Responsible of field service tenders on power plants for electrical scope
➔ Managing engineers' team for tender and method projects (5+ engineers)
➔ Development of methods for field service operations
➔ Creation of 3D models to plan service on nuclear equipment
➔ Creating trainings for technicians and engineers around site's organization

👥⚙ Electrical Manager

2015 - 2013
2 years

ALSTOM, **Electrical & IC Construction Manager, Narva, Estonia** (click here)
➔ Responsible of electrical works for the new thermal power plant (1x300MW)
➔ Managing electrical site supervisors and technical office (15+ eng.and tech.)
➔ Design of new arrangements and cabling drawings for site changes
➔ Managing project with client, subcontractors

2013 - 2012
1 year

ALSTOM, **Electrical Construction Manager, Flamanville, France**
➔ Responsible of electrical works for the new nuclear power plant (1x1650MW)
➔ Managing electrical site supervisors (5+ engineers and technicians)
➔ Managing subcontractors and assets

2009 - 2012
2 years
+ 3 months

ALSTOM, **Electrical Construction Manager Deputy, Terga, Algéria** (click here)
➔ Supervision of electrical works for gas combined-cycle power plant (3x400MW)
➔ Managing electrical site supervisors (7+ technicians)
➔ Managing the interface with the partner of consortium

👥⚙ Mechatronics Engineer

2005 - 2008 *3 years*	TDM, **Mechatronics Engineer in a work-linked program**, Mérignac, France ➜ Design of test benches and on-board systems for aeronautics ➜ Responsible for the manufacture of prototypes before production ➜ Subcontractor of Thalès, Airbus and Dassault
2005 *5 months*	INSERM, **Technician Applied Physics,** Montpellier, France ➜ Software development for inner ear medical research ➜ Modeling of spontaneous activity of auditory nerve fibers ➜ Development of simulations for the prediction of biological results

🎓 EDUCATION

2005 - 2008 *3 years*	**Master's engineering specializing in Mechatronics,** ISTY, Paris, France ➜ Scientific education : mathematics, electromagnetism, thermodynamics ➜ Engineering sciences : automatic, electrical engineering, computer science ➜ Sciences for mechatronics : mechanical engineering, robotics, CEM)
2003 - 2005 *2 years*	**Two-year university degree (DUT) in Applied Physics,** IUT Montpellier, France ➜ Electrical, mechanical, thermal, acoustic, chemical, computer science, etc. ➜ Measurement chain, metrological approach, measurement result
2020	**Certificate in Computer Science CS50x,** HarvardX University, Online ➜ Exciting approach to programming

👤✏ PROFICIENCY

Languages	**Anglais**	: Fluent
Computer	**Office Project Management** **CAD & Mechanical** **Computer System** **Communication**	: Word, Excel, Power Point, Outlook : Catia V5, AutoCAD, ProgeCAD : C/C++, Python, Matlab, LabView, SQL : ModBus, DNP3, BACnet, M-Bus, SOAP
Norms & *Certificates*	**Electrical**	: NFC18510 (H2,B2,BR in 2016), IEC61850

👥⚙ HOBBIES & 🔗 LINKS

Music *Sports*	**Hobbies** ➜ Guitar, Drums ➜ Climbing, Biking, Hiking, Freediving and Spearfishing
LinkedIn *Website*	**Links** ➜ Recommendations are also available here ➜ For more information about my profile, please see my personal website: 🚀 https://oliviercasalta.github.io