

OLIVIER CASALTA

Project Engineer



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NEW ZEALAND

37-year-old

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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)
 - Rédaction des spécifications pour la supervision d'énergie personnalisé
 - 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, Algérie](#) (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 : Word, Excel, Power Point, Outlook
CAD & Mechanical : Catia V5, AutoCAD, ProgeCAD
Computer System : C/C++, Python, Matlab, LabView, SQL
Communication (BMS & EMS) : ModBus, BACnet, M-Bus, SOAP

HOBBIES & LINKS

Hobbies

- Guitar, Drums
- Climbing, Biking, Hiking, Freediving and Spearfishing

Links

- Recommendations are also available [here](#)
- For more information about my profile, please see my personal website:

 <https://oliviercasalta.github.io>

Music
Sports

LinkedIn
Website

Referees available on request