

Jean Schoenlaub

☎ (+61) 4-130-612-92 | ✉ jeanschoen@hotmail.com | in <www.linkedin.com/in/jean2020>

Education

University of New South Wales (UNSW)

Sydney, Australia

MASTER OF ENGINEERING SCIENCE (PHOTOVOLTAICS AND SOLAR ENERGY), AWARD WITH EXCELLENCE.

2019 - 2021

Ecole Polytechnique Fédérale de Lausanne (EPFL)

Lausanne, Switzerland

BACHELOR OF SCIENCE IN MICRO-ENGINEERING (MECHATRONICS), GRADE: 4.66/6.0.

2014 - 2018

Employment

5B (Current)

Sydney (NSW), Australia

PV ENGINEER - DIGITAL TRANSFORMATION TEAM - FULL-TIME - 10 MONTHS

2021 - 2022

- Automation of Configuration Management (Product configuration, compatibility, traceability and documentation).
- Supported the implementation of software within the business (Odoo, Smartsheet, AODocs).
- Lead an initiative for integrating 5B's PV structure in PV software (scoping, requirements definition, solution design).

HCB Solar

Newcastle (NSW), Australia

GRADUATE DESIGNER - PART-TIME - 6 MONTH

2020 - 2021

- Designed solar systems for residential (300+ designs) and commercial (30-100kW, 5 projects).
- Applied for Grid Connections for both residential & commercial projects (with Ausgrid & Essential energy).
- Automated the drawing of Single Line Diagrams (with Python & VBA).

EPFL

Lausanne, Switzerland

TUTOR

2016 - 2017

- Assistant to the professor in courses of Microprocessors & Electrotechnique (Practical sessions & Laboratories & Exams correction).

Experience

Total Eren - EREN HELLAS

Athens, Greece

SUMMER INTERN

2017

- Assisted O&M department, gaining experience in PV and wind farms maintenance with on-site repairs throughout internship.
- Monitored PV arrays, assessing effects of different liquid treatments, reporting with a Power Point presentation.
- Learned about steps of commissioning a new utility scale PV plant, taking trips to construction site.

SELTZ

Asuncion, Paraguay

SUMMER INTERN

2015

- Carried a data analysis of manufacturing chain in order to improve efficiency.
- Rehabilitated an unused water sanitation system, enforcing supplier's warranty.

Technical Skills

Programming	Experienced in: Python, C, C++, VBA. Familiar with: Django, Docker, Postman, Github, and Assembly.
Software	Experienced in Excel, Google Sheets, Matlab, PVsyst, Autocad, Homer Pro, and SAM.
Languages	French (native), English (bilingual), Spanish (elementary), German (elementary).
Standards	Good understanding of standards: AS/NZS 4777, AS/NZS 5033, AS/NZS 3000, AS/NZS 3008, AS/NZS 5139.

Extracurricular activities

Interests	Sustainability, Coding and Software development, Agrivoltaics, Impact investing.
Sports	Ski, Surf, Kite surf, Tennis, Running & Chess.