

Jean Schoenlaub

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Work Experience

Integration Engineer (5 months), and Senior Data Engineer (7 months) - 5B

Sydney, Australia

PRODUCT TEAM - FULL-TIME

2022 - 2023

- Led and developed 3 cross-functional data and automation initiatives (agile teams of 2-4), reducing indicative quoting time by 80%, engineering to order time by 10-20%, as well as enabling cross-departmental data traceability, analysis, and reporting.
- Developed and handed-over 5+ custom stand-alone tools and databases for an estimated yearly cost saving of 50k AUD\$.
- Implemented Jira for 50+ team members saving 100+ hrs of work duplication in first quarter.

PV Engineer - 5B

Sydney, Australia

DIGITAL TRANSFORMATION TEAM - FULL-TIME (12 MONTHS)

2021 - 2022

- Reduced product configuration turnaround time by 10+ hrs and errors by 50%, saving 1-10k AUD\$ per month.
- Supported solar, supply chain, and project management software implementation, saving 100+ man-hours/week.

Graduate Designer - HCB Solar

Newcastle, Australia

PART-TIME (6 MONTHS)

2020 - 2021

- Designed and managed grid connection for 300+ residential solar systems, and 5 commercial projects (30-100kW).
- Developed a desktop application (Python & VBA), reducing Single Line Diagrams drafting time by 95% (from 2 hours to 5-10 minutes).

Teacher

Lausanne, Switzerland

2-10 HOURS PER WEEK

2012 - 2017

- Helped 200+ students in EPFL Microprocessors and Electronic courses (assistant), 50+ children (ski teacher) and private clients (tutor).

Intern - Total Eren - EREN HELLAS

Athens, Greece

SUMMER INTERNSHIP (1 MONTH)

2017

- Assisted the O&M department, with on-site repairs and commissioning trips, and reporting on liquid treatments efficacy analysis.

Intern - SELTZ

Asuncion, Paraguay

SUMMER INTERNSHIP (1 MONTH)

2015

- Recommended 3 actions for improving bottling line efficiency, and rehabilitated water sanitation system by enforcing warranty.

Technical Skills

Languages Python, C++, C, JavaScript, Typescript, HTML, VBA, SQL, and Assembly.

Technologies AWS, React, MySQL, PostgreSQL, Google Apps Script.

Software Github, Jira, Figma, Odoo, Google Sheets, Excel, Salesforce, AutoCad, PVsyst.

Certifications Certified Solutions Architect Associate (AWS-2023), Entry Certificate of Business Analysis (IIBA-2022).

Education

University of New South Wales (UNSW)

Sydney, Australia

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

2019 - 2021

Ecole Polytechnique Federale de Lausanne (EPFL)

Lausanne, Switzerland

BACHELOR OF SCIENCE IN MICROENGINEERING (MECHATRONICS), GRADE: 4.66/6.0.

2014 - 2018

And also

Languages French (native), English (bilingual), Spanish (elementary), German (elementary).

Interests Sustainability, Software, Business, Agrivoltaics, Investing, Sports, and Travelling.

Publications Estimating the potential for semitransparent organic solar cells in agrophotovoltaic greenhouses (2022).

Volunteering Taught and supported children from disadvantaged environment (2022-2023 - 1hr per week).

Project Highlight Full-stack social media X project management web-app.