

# DAYLEN RENNER

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Safety conscious individual with plant operating experience, chemical engineering technologist diploma and power engineering ticket, pursuing a placement to broaden my industry experience with industry professionals.

## EXPERIENCE

**MAY 2022 – SEPTEMBER 2022**

**ENGINEER DEVELOPMENT, STUDENT CO-OP, OBSIDIAN ENERGY (CALGARY)**

- Created and implemented a database for viscosities for hundreds of wells within the peace river oil sands from both digital and hard copies.
- Used data analytics with python coding language to create a dynamic 3D plot.
- Compared viscosity ranges to depth to evaluate stratigraphic zones.
- Interpreted data to find immediate trends to support or contradict previous theories/findings.
- Presented final findings to upper management in an end-of-year presentation.

**AUGUST 2017 – JUNE 2018**

**COMMISSIONING AND START UP OPERATOR, PETROPLAN (SUNCOR-FORTHILLS)**

- Responsible for safely executing procedures during dynamic commissioning activities.
- Starting compressors and pumps for run-ins, safely introduced commodity into systems as well as steam into live process.
- Created permits, procedures and installed hazardous energy lockout tag outs (LOTO's) on equipment according to Suncor's CHEPTW program.
- Optimized unit procedures whether it was quality of life changes or increased efficiencies and responded to hazards and call ins throughout the plant during construction phase.
- Trouble shoot equipment with E&I support.
- Commissioning team successfully commissioned Suncor's Fort Hills Secondary Extraction and achieved first oil before projected milestone date.

**MAY 2016 – AUGUST 2016**

**STUDENT PLANT OPERATOR, ENCANA**

- Assisted plant operators in operating, isolating and troubleshooting various pieces of process equipment including boilers, compressors, pumps, vessels and other equipment in a sour gas and condensate facility.
- Completed feedwater and steam condensate water tests. Familiarized myself with DCS on each unit.

## EDUCATION

**SEPTEMBER 7, 2021 – CURRENT**

**SOFTWARE ENGINEERING & BCOMM (2<sup>ND</sup> YEAR), UNIVERSITY OF CALGARY**

- Engineering student with 3.5 GPA.
- Member of the competitive programming club
- CO-OP (Engineering Career Practicum) program

**SEPTEMBER 3, 2019 - 2021**

**CHEMICAL ENGINEERING TECHNOLOGY, SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY**

Previous field knowledge was complimented by the technical education I received at SAIT. Capstone Project Involved minimizing environmental impact by reducing carbon emissions in a cost-effective way. Achieved by designing a solvent recovery system that returned 98% solvent thus lowering steam demand for Athabasca Oil.

**JANUARY 2016 – MAR 2017**

**POWER ENGINEERING, GRANDE PRARIE REGIONAL COLLEGE**

Graduated with distinction and honors at the end of my two-year program acquiring my fourth-class power engineering certificate and completed all of ABSA third class exams with steam time counting towards a third-class certificate.

## SKILLS AND ATTRIBUTES

- Python, c, c++, Java languages
- Github
- Team oriented person
- Leadership and interpersonal skills
- Strong oral and written communication
- Critical thinking and problem-solving skills
- Respectful and hardworking
- Previous industrial power engineering experience involving hydrocarbons
- A strong sense and feeling toward safety
- Proficient in Microsoft office applications such as word and excel
- Professionalism and integrity
- Ability to build lasting relationships
- Patience and sensibility
- Motivated to better myself and others around me

## ACTIVITIES AND HOBBIES

Assistant coached for Midget AA (Ages 16-18) minor hockey team in my hometown. Volunteered at the Sylvan Lake hockey camp and instructed groups of kids to teens on skill development, nutrition, and professionalism.

On days off I am passionate about golf and get out to the mountains as often as possible. I also strive to make long lasting connections with people I meet as I prioritize a healthy social lifestyle.

## CERTIFICATES

Valid Class 5 License

First Aid H2S Alive

Power Engineering 4<sup>th</sup> class