

Peiran (Ray) Wang

805 Panorama Hills Dr NW, Calgary, AB T3K 4X4

780-394-2878 | rpwang94@gmail.com | ca.linkedin.com/in/ray-wang-a28986103

WORK EXPERIENCE

Enbridge Pipelines Inc., Edmonton, AB

Jan – Aug 2015

Facilities Engineering Intern

- Collaborated with project engineers/managers on execution of ongoing expansion projects
- Coordinated a standalone project with a budget of \$100K
- Oversaw procurement of equipment, project scheduling, budget forecasts, and meetings
- Strengthened abilities in work prioritization, effective communication, and networking
- Prepared and presented safety topics in department safety meetings

Sanjel Canada Ltd., Calgary, AB

Jan – Apr 2014

Technical Sales Intern

- Provided data analysis for a technical sale team
- Implemented a streamlined report creation process to reduce report preparation time by 90%, from 1 week to 4 hours
- Gathered data and created job summary reports using MS Excel and in-house software
- Demonstrated ability to work independently or in teams
- Strengthened ability in paying attention to details

NOTABLE PROJECTS

Supercritical Fluid Extraction of Cannabidiol (CBD) From Hemp (Jan – April 2017)

- 6-person capstone project
- Designed industrial-scaled extraction process of CBD from hemp
- Contributed to main process design and development of terpenoids capture step

Access/Keyera Simultaneous Startup Phase I & II (Jan – Aug 2015)

- 5-person project, with 3rd party involvement
- Acted as project manager in installation of a program logic control (PLC) card
- Corrected communication issues between downstream customers

EDUCATION

University of Alberta, Edmonton, Canada

Sep 2012 – April 2017

BSc., Chemical Engineering Cooperative Program

- Key electives: Cellular Biology, Intro. Biomedical Engineering, Applied Electrochemistry

TECHNICAL & COMPUTER SKILLS

- Programming: MATLAB, JavaScript (In Progress)
- Design: Autodesk Maya
- Simulation: VMGSim
- Microsoft Office: Excel, Word, PowerPoint, Visio, Outlook, Project

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CERTIFICATIONS

- Pending E.I.T. with APEGA
- CPR Certified (2014)
- CSTS Certificate, Alberta Construction Safety Association (2016)
- TDG (Transportation of Dangerous Goods) Certified (2016)
- CCIL (Canadian Council of Independent Laboratories) Concrete Certificate (2016)

VOLUNTEERING INVOLVEMENT

- Served as a mentor at U of A Engineering Co-op Ambassador Program in fall of 2015, protégé was successfully placed for work in a slow economy

ADDITIONAL INFORMATION

- Class 5 driver's license and completed training in defensive driving
- Fluent in Mandarin and English
- Worked part-time jobs since the age of 13
- Enjoys writing, stand-up comedy, basketball, and travelling

REFERENCES

References available upon request.