

Spencer Jakob, B.Eng.

Engineer-in-Training

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Education

RYERSON UNIVERSITY **2022**

Bachelor of Engineering - Mechanical Engineering with Mechatronics Option

LAWRENCE PARK CI **2018**

Ontario Secondary School Diploma - Honours Graduate

Experience

WALTERFEDY INC. **2022 – 2024**
Mechanical Engineer-in-Training
Worked extensively in Revit to model new and existing mechanical systems.

Calculated heating, cooling, and ventilation requirements based on ASHRAE standards.

Designed the ventilation system for commercial kitchens based on NFPA 96 requirements.

Received strong praise from an important client for the quality of my work under tight timeline requirements.

Gained almost 2 years of experience working towards P.Eng.

OSPREY CAPITAL PARTNERS INC. **2021**
Summer Database Intern
As a Summer Intern, I was brought on to develop their company database to create potential future business opportunities.

Sifted through 746 Canadian and American Private Equity Fund websites.

Created 927 new company entries in the database.

Researched potential new business opportunities in specific industries.

Screened and organised private equity firms potentially interested in acquiring a client company.

FUNDSERV INC. **2019**
Software Development Intern
Working in an Agile environment as part of both a DevOps team and a software development team.

Used Docker containers to automate over 400 QA tests, cutting time required down to 1/4 or less.

Created and implemented real-time application monitoring dashboards through New Relic.

Learned about DevOps practices and technologies such as Jenkins, CI/CD, automated testing, and Docker.

Volunteer Experience

Ryerson Engineering Spirit and Orientation Committee **2021**
Finance Coordinator
Secured a record amount of sponsorship income.

Coordinated the purchase, sales, and distribution of Orientation Week and spirit merchandise.

Worked with the rest of the team to organize and plan a hybrid Orientation Week and other spirit events throughout the year.

Ryerson Tri-Mentoring Program
Peer Mentor
Provided one-on-one support and advice to an incoming first year student throughout their first year at Ryerson.

Achievements

2022 Ryerson Engineering Day Best Poster Award: Mechanical Engineering – Awarded for best presentation of design and best capstone project. **2022**

Ryerson Faculty of Engineering Dean's List **2020**

Ontario Scholar - For academic achievement in high school **2018**

Honours Certificate of Bilingual Studies in French Immersion **2018**