

TRISTAN FORD, BASC, EIT, PMP

Transportation Planning and Engineering Specialist



EXPERIENCE

Transit Planner

BC Transit

August 2021 – Ongoing Victoria, BC

- Operational service planning and optimization for the Victoria Regional Transit System
- Transportation modeling and forecasting to predict ridership and GHG emissions
- Planning and management of the Salt Spring Island transportation network

Signalling & Train Control EIT

SNC-Lavalin

May 2018 – August 2021 Vancouver, BC

- Planned, budgeted and coordinated transportation infrastructure projects ranging from \$0.5M - \$3.0M
- Designed and implemented transportation engineering projects including communication systems and signalling upgrades
- Consulted and performed feasibility studies for Canadian transportation authorities such as TransLink

Research Intern

University of Wurzburg

May 2017 – December 2017 Wurzburg, Bavaria

- Designed and successfully interfaced a custom molecular beam setup for multidimensional spectroscopy experiments
- Aided doctoral students with physical chemistry research with a focus on optical instruments

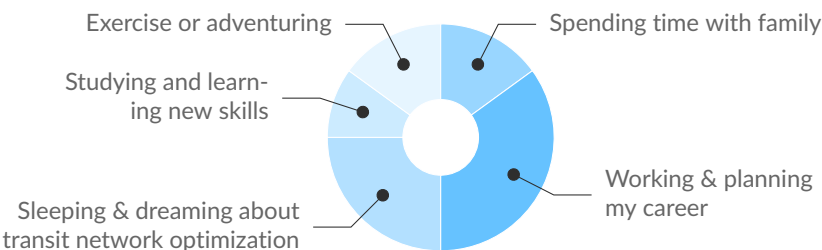
Technician

General Fusion

January 2016 – April 2016 Burnaby, BC

- Constructed, maintained and aided in testing of the latest plasma injector model
- Increased efficiency in the machine assembly process by creating assembly books outlining the procedures and parts to be used

A DAY OF MY LIFE



ASSOCIATIONS

Project Management Professional

Project Management Institute

December 2020 – Ongoing

Engineer in Training

Engineers and Geoscientists British Columbia

July 2019 – Ongoing

MOST PROUD OF



Data-driven optimization

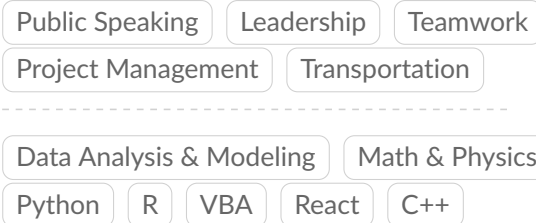
of transit service in the Victoria Regional Transit System including various tools and dashboards to grow ridership despite resource challenges



AI ridership model

developed in under two months to help my company better understand the potential impacts of Covid-19 on transit

STRENGTHS



LANGUAGES

English

French



EDUCATION

BASc in Engineering Physics

University of British Columbia

September 2014 – April 2019

MASc in Transportation Engineering

University of British Columbia

September 2023 – Ongoing