Dylan Winchester

B.Sc. Environmental Systems Engineering

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Education

B.Sc. Environmental Systems Engineering – 2018, University of Regina, Canada
Harvard University – CS50, 2019   ComIT – Java, 2019

Skills Summary

- Native English speaker
- C, VBA for Excel, Solid Edge, MATLAB, HEC-HMS, HEC-RAS, ARC-GIS and GMS
- GitHub – DW493
- Open Water Scuba Instructor #419691 - Professional Association of Dive Instructors

Recent Employment

International Diving Centre   Feb 2018 – Dec 2018
PADI Scuba Diving Instructor, Senior Sales Associate

- Instructed dive courses, facilitated dive trips and courses, managed equipment inventory

Professional Experience

Saskatchewan Ministry of Environment   May – Aug 2016
Environmental Compliance Audit

- Conducted analysis of audit selection process to identify areas for improvement
- Revised technical documents to comply with ministry writing guidelines

Saskatchewan Ministry of Highways and Infrastructure   Aug – Dec 2015
Data Acquisitions and Management

- Created technical reports for management teams related to road usage information
- Executed field repairs of Weigh-In-Motion equipment to ensure data integrity
- Worked independently with minimal direct supervision to collect and analyze road usage data in order to streamline highway management practices

Consumer's Co-operative Refineries Limited   Jan – May 2015
Environmental Systems Engineering

- Managed air monitoring program as well as regulatory reporting
- Carried out spill inspections, spill assessments and reporting, and equipment inspections
- Generated annual environmental spill reports

Atomic Energy of Canada Limited   Jan – Apr 2014
Engineering Management

- Managed extensive asset catalogue for nuclear research facilities
- Independently performed cost analysis of 200+ jobs and reallocated company resources resulting in savings of over $15,000 annually