**Karson Hodge**

Calgary, AB | 403-820-2405 | [khodge1@hotmail.com](mailto:khodge1@hotmail.com) | [Portfolio](https://hodge-py.github.io/)

**EDUCATION**

**Southern Arkansas University** 2023 – 2025

Master of Science in Computer and Information Science

* Cumulative GPA: 3.8 / 4.0
* Concentration in Data Science
* Advanced Programming Concepts, Database Management Systems.

**University of Lethbridge** 2016 – 2021

Bachelor of Science in Applied Statistics

* Concentration in Economics

**WORK EXPERIENCE**

**Eaton Corporation** Calgary, AB

Continuous Improvement Intern 2024

* Assumed the role of product specialist along with all duties associated when filling in for a full-time employee on five weeks leave.
* Handled the operations of the panel board line, maintaining a safe level of uptime to ensure production targets were met.
* Redesigned inventory layout and implemented a new labelling system, reducing item retrieval time by ease of access and standardization.
* Developed and implemented protocols for efficient data loading, minimizing errors and improving data reliability.

**Peoples Trust Company** Calgary, AB

Real Estate Analyst 2022 – 2023

* Provided Underwriting for CMHC insured commercial loans to verify information, calculate risk, and insert profit spread.
* Utilized excel to build cashflow models of pre-existing or construction-based properties, using financials and broker provided packages.
* Verified new purchases of existing properties by either completing an internal assumption or CMHC approved replacement of covenant.
* Created relationships with mortgage brokers when working on new deals, gathering documentation and networking at events.
* Maintained strong lines of communication with colleagues to assure deals are vetted and processed correctly.

**Universal Rehabilitation Service Agency** Calgary, AB

Data Analyst and Quality Assurance 2021 – 2022

* Developed and utilized databases with Microsoft Excel to improve quality control.
* Modelled confidential data with accurate charts, metrics, and trends to evaluate programs impact.
* Audited licenses and program files vetting for any legal mistakes or incorrect forms in compliance with accreditation agency standards.
* Proposed new data collection strategies while maintaining great verbal and written communication with management to improve the development of documentation and policy.
* Initiated a research project with Python and its statistical analysis modules to analyse program goals and develop dashboards with Power BI.

**ADDITIONAL**

**Languages:** Python, Java, SQL, JavaScript, HTML, and CSS.

**Misc:** Linux Commands, Pandas, NumPy, and Matplotlib.

**LinkedIn**: <https://www.linkedin.com/in/karson-hodge/>