

Karson Hodge

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EDUCATION

Southern Arkansas University

Aug 2023 – Present

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

Sept 2016 – Apr 2021

Bachelor of Science in Applied Statistics

- Concentration in Economics

WORK EXPERIENCE

Eaton Corporation

Calgary, AB

Continuous Improvement Intern

May 2024 – Present

- Assisted in the identification and analysis of inventory inefficiencies, leading to a 33% decrease in inventory cost.
- 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

Feb 2022 – July 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

Nov 2021 – Feb 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.

PROJECTS

Unknown-md.com

Feb 2024 – Present

- Markdown editor and render built with a HTML, CSS, JavaScript, and PHP Stack with the Bootstrap Framework and jQuery library.

ADDITIONAL

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

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

GitHub: <https://github.com/hodge-py>