Justin Bangtson

406-212-6444 ● bangtson.justin@gmail.com ● github.com/jbangtson ● linkedIn.com/in/justin-bangtson

Education

Master of Science in Business Analytics (MSBA)	August 2023 – May 2025
University of Montana	GPA: 4.0*
Bachelor of Science in Management Information Systems (MIS)	August 2021 – May 2023
University of Montana	GPA: 3.88

*Current GPA, grades released in May 2025

Experience

Capstone Project – The Dram Shop, Missoula, MT   November 2024 - Present

The University of Montana – Capstone Project

- Engineered a serverless Google Cloud Run application that automated product catalog management in Square POS, reducing manual data entry time by 80% and decreasing product listing errors from 12% to under 3%.
- Designed and implemented a business intelligence dashboard using Google BigQuery that visualized daily sales, order volume, and product performance metrics, enabling managers to identify the top 10% of products generating 70% of revenue.
- Architected an ETL pipeline using Google Cloud Functions to automate data refresh processes, reducing reporting delays from quarterly to monthly cycles and decreasing report preparation time from yearly to daily.

Applied Data Analytics Course Project - Craigslist Car, Remote   October 2023 - Present

Data Engineer & Cloud Development

- Developed centralized analysis platform by architecting ETL pipeline using Python and SQL, turning fragmented vehicle market data across nationwide Craigslist listings, resulting in a clean, standardized dataset enabling cross-market price comparison.
- Identified need for intuitive data exploration interface; developed interactive dashboard using D3.js, Leaflet maps, and custom JavaScript components, enabling users to dynamically filter and analyze vehicles by make, model, year, price range, and location
- Discovered data gaps in geographic price variations; integrated Google Maps API for distance calculations and developed regression models analyzing regional factors, uncovering actionable insights such as accelerated truck sales in Montana and depreciated values in salt-belt regions.

Research Assistant *University of Montana – College of Business*   January 2022 - May 2025

University of Montana – College of Business

- Delivered individualized tutoring sessions to over 60 students of varying proficiency levels, contributing to an easy transition from teaching using VB.net to C# for the college.
- Coordinated weekly with three faculty members to align tutoring sessions with course objectives, ensuring consistent support for over 20 group sessions and enhancing student comprehension in programming concepts.
- Analyzed student performance and homework submissions to tailor tutoring method resulting in a 15% increase in student retention from the previous semester.
- Customized practice exercises on Github to address individual student challenges in coding and algorithm comprehension.

Technical Skills

- Excel, Power BI, Python, R, SQL, JavaScript, HTML/CSS, C#, VB.net, Java, Tableau, Google BigQuery