# Chris Bushelman

Midlothian, VA

Phone: (937) 239-2361

Email: chrisbushelman@gmail.com

LinkedIn: www.linkedin.com/in/chris-bushelman

Website: www.chrisbushelman.com

## SUMMARY

Resilient and values-driven professional with 10+ years of leadership experience in high-performance, people-focused environments. Proven ability to guide teams, manage operational complexity, and deliver impact under pressure. After years of building systems and leading from the front lines, I've transitioned into the data and analytics space — blending deep human insight with strategic, data-informed decision-making.

I'm seeking a remote opportunity where I can contribute meaningfully, grow sustainably, and work alongside others who care about doing things the right way. I'm especially energized by work that improves people's lives — in healthcare, finance, education, or any mission-aligned space.

## TECHNICAL SKILLS

Languages: Python, Javascript, HTML5, CSS, SQL

Tools: PostgreSQL, NoSQL, MongoDB, MySQL, Flask, Tableau, Excel, TensorFlow, Scikit-learn, Jupyter Notebook, Google Collab, Pandas, SQLAlchemy, Numpy, leaflet.js, Plotly, PySpark, DataBricks

Skills: Data Visualization, machine learning, data acquisition, database creation and management, web development

## PROJECTS

- StockData Analysis – A stock trend visualization app based on presidential terms *(Class project)*

  - Summary: This project created a website to analyze stock trends and pricing during the first 12 months of Donald Trump (1st Term) and Joe Biden's presidencies. Additionally, how diversity in the workplace was impacted during those times
  - Role: Worked in a team to build the code to wrangle data, create scripts to extract necessary data and build the front end of the website.
  - Tools: HTML5 & CSS, JavaScript, Python, MongoDB, Plotly

- NCAA March Madness Predictor – Predictive web app for NCAA game outcomes *(On my own)*

  - Summary: Using web scraping, pandas, and XGBoost, create a prediction app to predict the outcome of games during 2025 NCAA March Madness.
  - Role: Worked alone to create all scripts related to data wrangling, cleaning, pre-processing, model creation and training, Flask App Development and Front End Development (The model ended up being about 58% accurate)

- Tools: BeautifulSoup, Requests, VSCode, Excel, XGBoost, NumPy, HTML5, Flask, Sci-kit Learn

- **"All Time Top 10 *Swims"*** Web App – Custom web application for Quest Swim Team *(On my own)*

  - Summary: Acquiring data from USA Swimming for Quest Swim Team, build a web application that allows users to dynamically choose from a series of drop down menus and upon submission, return the Top 10 Quest Athlete Performances for the chosen inputs.
  - Role: Worked with USA Swimming to acquire data in JSON format for ingestion into PostgreSQL. Created PostgreSQL tables to hold data. Linked everything up with python, JavaScript and HTML5. Used CSS to match the format of the front page to the format of the website at www.questswimming.com. Deployed the app to Heroku.
  - Tools: PostgreSQL, pandas, JSON, JavaScript, HTML, CSS, Heroku

## PROFESSIONAL EXPERIENCE

- Quest Swimming
  Senior Assistant Coach

  - Developed Web Application to improve user experience for searching for Top 10 performances by Quest Athletes
  - TeamUnify Subject Matter Expert - overhauled website with new content, code, and functionality
  - Led the conversion from TeamUnify web application and hosting to Captyn for billing, team database management and other swimming related tasks
- SwimRVA
  Associate Head Coach

  - Increased enrollment from 288 to over 500 athletes in two years
  - Lead in college recruitment education and services - calling college coaches, registration for NCAA Clearing House

- YMCA of the Triangle Area
  Assistant Director of Competitive Swimming - Durham and Chapel Hill

  - Project Manager for the integration, development and monitoring of the team website using TeamUnify, HTML, and CSS
  - Subject Matter Expert for payables and procurement card reporting using the Basware Payables System

## EDUCATION

Certificate, Data Analytics – University of Richmond, Richmond, VA. **Completed with a 99.5 grade average.**

Bachelor of Science, Food Business Management, Agribusiness – The Ohio State University, Columbus, OH