# Jesse Feller

Cleveland, OH | 507-459-8261 | jfeller403@gmail.com |
www.linkedin.com/in/jesse-feller-403 | https://jfeller403.github.io/

## SOFTWARE DEVELOPER

*Professional software developer with strong problem-solving, communication, and organization abilities seeks a company that values innovation and being a leader in the market. Former Mathematician with a passion for streamlining complex processes, explaining technical material to others, and making your organization's strategic goals into realities. Skills include software development, machine learning, natural language processing, data analysis, and statistical methods. Looking to develop software for a company that values innovation .*

## TECHNICAL INVENTORY

C# • VB • .NET Core • MVC • Active Server Pages / ASP.net • Entity Framework • Python • SQL • Relational Databases • SSMS • SSRS• Rest/SOAP APIs • JSON • Microsoft Azure • Visual Studio • GitHub • TFS • JavaScript • HTML • CSS • TDD • Agile (Scrum) • Object Oriented Programming (OOP)

## Other Knowledge/Skills

Machine Learning , Natural language processing, regression, KNN, Decision trees, SVM, Naïve Bayes

## PROFESSIONAL EXPERIENCE

**MRI Software, Solon, OH (July 2022 to Present)** *Software Developer.*
Responsible for implementing new features, fixing bugs, reviewing changes made by other developers, writing APIs for use by our front-end tooling system.
- Implemented feature that scanned financial statements using Azure AI services and saved information on client databases. Also created an automated transaction matching feature using natural language processing. Currently scheduled to be put into production. This was a self-directed project and won a company coding competition. (C#, SQL)
- Adapted AI document classification algorithm to be used to handle automation of payment processing in my current role. This is also a self-directed project. Was inspired by my current company's strategic initiative. (C#, SQL)
- Analyzed and recommended improvements to embedded AI agent (Python)
- Was main developer on rewrite of Journal entry webpage (C#, SQL, Javascript).
- Reduced large dataset loading time from 2 minutes to just 10 seconds

**Akron Public Schools, Akron, OH (Jan 2022 to June 2022)** *Programmer Analyst*
Write queries for data requests. Write and fix stored procedures. Produce reports and visualizations using SSRS and Cognos reporting system. Answered helpdesk tickets.
- Wrote SSRS report to analyze student absenteeism in former role. Intended for use by top administrators and school board.

**MRI Software, Solon, OH (June 2020 to Jan 2021)** *Accounts Receivable Specialist*
Respond to billing inquiries. Suspended services on past due accounts according to company processes and reported data to CFO.
- Wrote program to automate emailing past due invoices to clients and automate contact info updates. (Python, Selenium, Pandas).

**Cleveland State University, Cleveland, OH (Jan 2019 to Dec 2019)** *Adjunct Instructor*
**Kutztown University of Pennsylvania, Kutztown, PA (Aug 2015 to Dec 2018)** *Assistant Professor*
**University of Wisconsin Milwaukee, Milwaukee, WI (Sept 2009 to Aug 2015)** *Teaching Assistant*
Wrote and presented lectures in Mathematics on a daily basis to large groups of students. Disseminated highly complex mathematical concepts in an easily understood manner in group and individual settings. Created and graded tests and quizzes

## EDUCATION & TRAINING

**We Can Code IT, September 2021 to December 2021** Certificate of Software Development
**University of Wisconsin Milwaukee, August 2011 to August 2015** Ph.D., Mathematics Sciences
**University of Wisconsin Milwaukee, August 2009 to August 2011** Master's Degree, Mathematics Sciences
**Minnesota State University Mankato, August 2005 to June 2009** Bachelor's Degree, Mathematics Sciences