

# Beverly Thompson

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## Data Analyst Profile

### Business Systems Analysis - Project Management – Team Leadership

Technically advanced and highly adaptable Data Analyst with extensive experience working with healthcare processing systems data, specializing in processing of electronic remittances.

As an individual with a mathematics degree and who graduated from Butler Data Analytics Bootcamp, I am a Data Analyst that will utilize my extensive knowledge of data processing, Python, Pandas, Matplotlib, SQL and REST APIs.

Consistently recognized and tasked to improve organizational efficiency with comprehensive expertise in strategy, analysis, requirements elicitation, data extraction/manipulation, reporting, and business process improvement.

Technically savvy and out-of-the-box thinker in emerging technology, able to quickly assess and utilize the appropriate methods to meet the specific needs of the business requirements at hand.

Possess strong ability to quickly adapt to change, handle multiple tasks, adjust priorities depending on business needs and work within a schedule of aggressive deadlines.

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## PROFESSIONAL EXPERIENCE

**Per-Se, McKesson, Change Healthcare, Wipro Limited, Alpharetta, GA**

1996 - 2020

### Senior Software Engineer

Assumed accountability for overseeing the modifications being made to the electronic remittance advice processing system. Utilized Agile SAFe Best Practices whilst working as a part of the team with a focus on processing and posting remittance payments with as little touch possible.

- Coordinated with the ERA team to manage the interface between the remittance posting system with an outside bank reconciliation system
- Designed and developed a data grab utility of remit data for the department to acquire the remit data in order to be analyzed
- Reduced the amount of manual posting entry required to complete processing for a check by collaborating with the ERA team to develop and implement the project to add the ability to post adjustments that were indicated due to ANSI reason codes in the ANSI 835 file
- Spearheaded a project to automatically post zero dollar checks while working in tandem with the ERA team.

### Career Note:

**Company Owner** | Thompsons Contract Programming Services Inc., IN

**Systems Analyst** | Kaiser Permanente, Atlanta, GA

**Project Leader** | Citicorp Information Resources, Annapolis, MD

**Programming Analyst** | Cook Inc., Spencer, IN

**Programming Analyst** | Sunrise Inc., Bloomington IN

**Programming Analyst** | Data Solutions, Inc., Bloomington IN

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## PROJECTS SECTION

**Weather Visualizations** | <https://github.com/blt1339/python-api-challenge>  
<https://github.com/blt1339/Web-Design-Challenge>

This project was in two parts. The first of this project was to analyze how the weather changes as you get closer to the Equator. OpenWeatherMap API was utilized to assemble a dataset on over 500 cities. The second part of this project was to create a website providing the results that were obtained.

- OpenWeatherMap API
- Python
- HTML / CSS
- Pandas
- Matplotlib

**UFO Finder** | <https://github.com/blt1339/javascript-challenge>

*This project utilizes JavaScript to update a table with data utilizing entered filter data to determine what data to include.*

- JavaScript
- HTML / CSS

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## TECHNICAL PROFICIENCIES

**Operating Systems / Software:** Windows., Linux/Unix, Universe, Unidata, Microsoft Office, Access

**Technical Skills:** Python, Pandas, Matplotlib, NumPY, SciPy, JavaScript, D3.js, Plotly, SQL:PostgreSQL, MongoDB, Excel: VBA, Macros, Pivot Tables/Charts, Index/Match VLOOKUP, Pick Basic

**Other skills:** Agile SAFe, Change Management, Risk Analysis & Mitigation, Strategic Sourcing, Stakeholder Management, Negotiations/Communications, Creativity & innovation, Innovative Problem Solving, Training & Development, Claims System Maintenance, Budgeting & Cost Control

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## Education and Trainings

**Data Analytics Course – Butler Data Analytics Bootcamp**

**Python Language Course – 2020 Complete Python Bootcamp**

**Bachelor of Arts, Mathematics with emphasis in Computer Science**

Indiana University

**Software Engineering**

University of Maryland

### Professional Training

Supervisory Development | Advanced Pick Development | Communications for Managers | Commercial Automobile Insurance | Advanced Application Design and Programming (PICK) | Introduction to PowerBuilder  
Introduction to Access | Intermediate Access | Consulting Skills for the Information Processing Professional,  
Unix Overview | Linus Fundamentals | Visual Basic Programming – Ivy Tech | Intro to .NET for UniObjects.NET  
Advanced Visual Basic Programming – Ivy Tech | Internet of Things – Wipro | Data Science – Wipro