

## *Cindy J Cheng*

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**EDUCATION:** University at Buffalo (UB)--SUNY **Buffalo, NY**  
*BA Computer Science Major & Philosophy Minor* (GPA 3.5/4.0) **May 2023**

**PROFESSIONAL EXPERIENCE:** Voya Financial **Remote**  
**Associate Software Developer (Data Governance)** **June 2023-**  
**Present**

- Administered Collibra CDIC operating model, scopes, console configuration. Also, held training sessions, and prompted a GitHub repository for expanding engineering team.
- Established CI/CD principles for defining and delivering Databricks Unity Catalog tags and comments with leveraging Gen AI and NLP concepts.
- Developed unit tests and synchronous logistic to understand SQL runtime processes handling over 30,000+ column data.
- Developed a dynamic object-oriented program in Databrick notebooks to classify data quality rule logic and automated SQL queries for Tableau dashboard integration.

**Software Developer Intern (Data Quality)** **May 2022-May 2023**

- Weekly standups, code reviews, and storyboard to create, review, and deliver agile projects.
- Developed and debugged BPMN diagrams and Collibra workflows using Java/REST API to enhance technical/business metadata accessibility, efficiency, and organization for business users.
- Raised support tickets, troubleshoot, and set coaching sessions for restructuring Collibra CDIC, edge installation, and SQL connector set up.
- Translated functional ETL processes for data migration from Oracle SQL Server to Snowflake.

**RESEARCH EXPERIENCE:** Research Assistant, Department of Computer Science (UB) **Buffalo, NY**  
**Wireless Performance Evaluation Project** **Feb 2022-May 2023**

- Applied web features for users to measure and analyze wireless signal propagation.
- Planned and refactored existing code, server applications, and MySQL databases.
- Connected with project mentor Filippo Malandra about team progress and tasks.

**TECHNICAL SKILLS:**

• Scripting/Programming Languages:	C, C++, JavaScript, Scala, Python, Spark, MIPS
• Content Management Tools:	GitHub, Figma, Zen Hub, Storyboard
• Operating Systems:	Windows, Linux
• Databases:	Oracle, MySQL, MongoDB
• Data Platform Tools:	Collibra, Databricks, Workato, Tableau, Streamlit
• IDEs:	VS Code, Eclipse, IntelliJ, Emacs

**ACADEMIC EXPERIENCE:** Teaching Assistant, Department of Computer Science (UB) **Buffalo, NY**  
**CSE116 - Intro to Computer Science II (Scala)** **Jan 2021-Jan 2023**

- Reviewed course expectations in weekly meetings with Prof. Hartloff and TA staff.
- Engaged students with demos/memory diagrams illustrating programming concepts.
- Covered and graded weekly lab activities consisting of student interviews and quizzes.
- Hosted daily office hours for student coding/course inquiries.

UB Hackathon **Buffalo, NY**  
**Techno Nimbus 2000 – Second Place** **October 2021**

- Designed and built a theremin guitar with Arduino C, breadboard, and basic circuit theory.
- Coded corresponding music notes by mapping ultrasonic sensor data to library notes.