

Cindy J Cheng

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EDUCATION: University at Buffalo (UB)--SUNY
BA Computer Science
Minor: Philosophy
Cumulative GPA of 3.5

Buffalo, NY
May 2023

PROFESSIONAL EXPERIENCE:

Voya Financial

Remote

Associate Software Developer

June 2023-Present

- Administered Collibra CDIC operating model, migration, held training sessions, and prompted a GitHub repository for expanding development team.
- Raised support tickets, troubleshoot, and set coaching sessions for restructuring Collibra CDIC, edge installation, and SQL connector set up.
- Worked with security and support teams to decommission data frameworks.
- Mentored two summer interns to deliver and drive AI data classification POC GitHub project.
- Researched and composed a presentation on Databricks AI features.
- Implement python notebooks with NLP and automation to generate Unity Catalog comments and tags in raw data layer.

Software Developer Intern

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.
- 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, MIPS
- Content Management Tools: Figma, Zen Hub, GitHub, Storyboard
- Operating Systems: Windows, Linux, Unix
- Databases: MongoDB, MySQL, SQL Server, Oracle
- Cloud Tools: Snowflake, Databricks, Azure Purview

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 executed a guitar theremin prototype.
- Coded corresponding music notes in Arduino C based on ultrasonic sensor data.
- Grasped Arduino C, breadboard, and basic circuit theory.