

[Yoshitha Chilukuri]

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SUMMARY

- Good analytical and problem solving skills
- Good exposure in agile methodologies
- Good exposure in object-oriented programming
- Proficient in team environment and time management

EDUCATION

Computer Science B.S.

University of South Carolina - Molinaroli College of Engineering and Computing

Aug 2023 - May 2027 Columbia, South Carolina

- Participated in clubs such as Women in STEM, Art Therapy, Women in Computing and in software related research

TECHNICAL SKILLS

- **Programming Languages:** Python, C#, Java, Javascript, HTML/CSS, SQL
- **Tools/Technologies:** Pandas, GitHub, Jupyter Notebooks, Linux, Excel, VS Code, Eclipse, Office 365
- **Cloud Technologies:** AWS, Azure
- **Data Science:** Data Analysis, Data Visualization, Ontologies, Knowledge Maps
- **Databases:** SQL Server, Neo4j, owlready2
- **Software Methodologies:** Agile, Waterfall

EXPERIENCE

Project Name: Ontologies for Misophonia Triggers

Position: Research Assistant

Client: University of South Carolina

Duration: Sept 2024 - Present

This project involves creating an ontology and knowledge graph for misophonia triggers. Ontologies allow researchers to formalize the knowledge related to a given field. They are necessary to integrate knowledge in intelligent systems. The following describes my duties in this project:

- Used Web Protege to develop an ontology for misophonia triggers
- Utilized Python and the pandas package to visualize and structure data

- Collaborated in a team of seven to support psychological research on misophonia by transforming experimental data into an ontology
- Utilized Neo4j to query ontology knowledge graph into various use cases

Software Used: Python, Pandas, Neo4j, Web Protege, Excel, Jupyter Notebook, GitHub

Development Methodology: Agile