

# [ Yoshitha Chilukuri ]

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## SUMMARY

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- 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

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**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

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- **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

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**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. My duties include:

- Utilizing Web Protege to develop an ontology for misophonia triggers
- Utilizing Python and the pandas package to visualize and structure data
- Collaborating in a team of seven to support psychological research on misophonia by transforming experimental data into an ontology
- Utilizing neo4j to query ontology knowledge graph into various use cases