

# Aadarsha Gopala Reddy

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## SUMMARY

Data analyst and programmer with a passion for solving real-world problems. Proven ability to use data to identify trends, develop insights, and make recommendations. Strong communicator and mentor committed to community service.

## SKILLS

**Core Competencies:** Logic and Reasoning, Analysis, Problem solving, Critical thinking, Communication, Teamwork, Leadership, Adaptability, Time management, and Attention to detail.

**Technical Skills:** C++, Java, R, Python, C#, Rust, SQL, MIPS, Scheme, JavaScript (Node.js, React), HTML, and CSS.

**Software:** Visual Studio, Tableau, Power BI, Amazon Web Services, Microsoft 365, and Google Workspace.

**Languages:** Proficient in English, Kannada, Telugu; Fundamental in Hindi.

## EXPERIENCE

**Washington University in St. Louis** | St. Louis, Missouri, USA August 2024 - Present

*Graduate Assistant with the Taylor Family Center for Student Success*

- Leading initiatives to enhance first gen/limited income student success, including program planning, data analysis, and communication.
- Coordinating key events, tracking student data, and contributing to assessment efforts for the department.
- Supporting alumni engagement through newsletter development, database management, and other logistics.

**Lab714** | Boca Raton, Florida, USA June 2023 - May 2024

*Data Analyst Intern*

- Developed software using React and AWS that works with IoT devices to extract, organize, and analyze data.
- Generated meaningful client-facing results from the data, which created nearly 20% cost savings.

**Ohio Wesleyan University** | Delaware, Ohio, USA January 2022 - May 2023

*Computer Science Lab Assistant*

- Tutored approximately 10 students for over 6 hours per week, assisting with homework and exam preparation for introductory, intermediate, and advanced computer science coursework.
- Tested and graded assignments of around 35 students in introductory and intermediate computer science classes.

## EDUCATION

**Washington University in St. Louis** | St. Louis, Missouri, USA Expected May 2026

*MS in Computer Science* — GPA: 3.2/4.0

- **Coursework:** Introduction to AI for Health, Algorithms for Computational Biology, Deep Reinforcement Learning, Rapid Prototype Development and Creative Programming.

**Ohio Wesleyan University** | Delaware, Ohio, USA May 2023

*BA in Computer Science and Data Analytics; Economics Minor* — GPA: 3.42/4.0

- **Honors:** Golden Bishop Award, Mortar Board, Florence Leas Prize, Spring 2022 and Spring 2023 Dean's List.
- **Coursework:** Computer Organization, Theory of Computation, Algorithm Analysis and Design, Impacts of Big Data, Data Visualization and Presentation, Methods in Data Analytics, Database Systems, Data Mining and Machine Learning, Artificial Intelligence, Applied Statistics.

## PROJECTS

**Opinion Survey on Artificial Intelligence in the Workplace** January 2023 - May 2023

- Conducted research on the impact of AI on 250 employees within each of four industries using survey data under Dr. Nicholas Dietrich's mentorship.
- Analyzed data using Tableau dashboards and R to identify trends and common opinions.
- Presented preliminary results on AI's positive impact on employee work at the OWU Spring Student Symposium.

**Artificial Intelligence in Modern Board Games – Connect 4 AI** August 2022 - December 2022

- Developed a Connect 4 game in Java with a single-player mode against an AI opponent and a multiplayer mode.
- Used the alpha-beta pruning algorithm to create a challenging AI opponent that can test players of all skill levels.

**Parkinson's Disease AI Diagnosis Software** July 2022 - August 2022

- Developed AIParkinScan AI software for Parkinson's diagnosis using audio and image data.

**Artificial Intelligence in Modern Board Games – Lost Cities AI** May 2022 - July 2022

- Developed an intelligent agent for the card game Lost Cities under Dr. Sean McCulloch's mentorship.