

Aadarsha Gopala Reddy

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SUMMARY

Versatile professional skilled in data analysis programming, dedicated to uncovering trends and delivering meaningful results. With a commitment to continuous learning and teamwork, I enjoy turning data into strategic opportunities.

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, VS Code, 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:** Artificial Intelligence for Health, Computational Biology, Deep Learning, and Software Development.

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 Architecture, Theory of Computation, Algorithms, Big Data, Data Visualization, Data Analytics, Databases, 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.
- Presented the research at the Patricia Belt Conrades Summer Science Research Symposium.