

# Umesh Sai Teja Poola

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## EDUCATION

### Iowa State University

Anticipated: December 2025

- B.S. in Computer Science, Minor in Data Science & Artificial Intelligence | GPA: 3.56 August 2022 – Present
- **Awards: Dean's List** (Sophomore and Junior Year)
- **Relevant Coursework:** Data Structures, Algorithms, Databases, Operating Systems, Web Development, Machine Learning

## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, SQL, R, JavaScript, TypeScript, C, C++
- **Backend Development:** Spring Boot, Node.js, Express.js, RESTful APIs, GraphQL, Firebase
- **Frontend Development:** React.js, AngularJS, HTML, CSS, Tailwind CSS, Android Studio
- **Databases:** MySQL, PostgreSQL, MongoDB, Neo4j (Graph Databases), Firebase Realtime DB
- **Cloud & DevOps:** Docker, CI/CD (GitHub Actions, Jenkins)
- **Data Structures & Algorithms:** Arrays, Linked Lists, Stacks, Queues, Hash Tables, Trees, Graphs
- **Software Tools:** Git, GitHub, Microsoft Office (Excel, Word, PowerPoint, Outlook), Google Workspace

## PROJECTS

### Cyclone Connect | COMS309 | Java, Spring Boot, MySQL, Android Studio

- Built a full-stack campus management app with class/work scheduling, live chat, and health tools.
- Designed multi-user flows with tailored dashboards for students, faculty, and advisors.

### iPhone store | COMS319 | React, Node.js, Express, MongoDB

- Developed a scalable full-stack e-commerce app with secure checkout and inventory management.
- Focusing on optimized performance, scalability, and user-friendly interfaces
- Optimized UI for performance and user experience.

## WORK EXPERIENCE

### IT Technician | Iowa State University, Engineering Technology Support | Ames, IA

October 2023 – Present

- Utilized MECM to store and manage information related to devices and software for efficient inventory management and maintenance tracking.
- Used Active Directory and ASW for network registration of Mac addresses, image deployment, and management of computing devices across campus.
- Assisted faculty with hardware and software troubleshooting, ensuring smooth operation in classrooms and labs.
- Monitored and maintained computer labs, troubleshooting hardware issues, including printers and networking equipment.
- Provided technical support to students, guiding them in software usage and resolving issues during lab hours.

### Data Research Analyst Intern | Kingland Systems | Ames, IA

June 2023 – August 2023

- Conducted **large-scale data validation and cleansing**, ensuring business-critical **legal and operational data integrity**.
- Collaborated with cross-functional teams to **integrate data insights into dashboards and business intelligence tools**.
- Developed **visualizations and detailed reports** for stakeholders, improving **decision-making through data-driven insights**.

## LEADERSHIP ROLES

### DIS Team Leader | Iowa State University, New Student Services | Ames, IA

August 2023

- Provided mentorship and leadership to 20 new students during university orientation, helping them navigate their first days on campus.
- Directed collaborative efforts across diverse teams to successfully deliver key orientation events, boosting student participation and engagement.

### Web Developer, AI & ML Club – Iowa State University

January 2024 – Present

- Developed and maintained the club's **website and web applications**, enhancing engagement and resource accessibility.
- Implemented **interactive dashboards and event management features** for better communication with members.
- Integrated **AI-powered features** to showcase ML models and research projects on the club's platform.