# Amanda Stead

Information Technology Professional
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**Objective**
Data Scientist and Computer Science professional with a strong foundation in data analytics, programming, and systems management. Seeking a challenging role in a dynamic environment where I can apply my technical expertise, leadership experience, and problem-solving skills to deliver impactful business solutions while continuing to grow professionally.

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**Education**
**Wayne State University – College of Engineering, Detroit, MI**
*Master of Science in Data Science & Business Analytics*
**Class of 2024 | GPA: 3.86**
**Wayne State University – Mike Ilitch School of Business, Detroit, MI**
*Bachelor of Science in Business Administration, Major: Information Systems Management*
**Class of 2021 | GPA: 3.58**
**Macomb Community College, Warren, MI**
*Associate of Business Administration*
**Class of 2020**

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**Technical Skills**
- **Programming Languages: Python, JavaScript, SQL, PowerShell, HTML, CSS**
- **Data Science & Analysis: Microsoft Power BI, MongoDB, Docker, Microservices, Kubernetes, Flask**
- **Tools & Technologies: Microsoft Office, Eclipse Workspace, Microsoft Visual Studio, Active Directory Management, SharePoint Administration**

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**Relevant Projects**
- **Automated Active Directory Task Application**
  Developed a custom application to automate administrative tasks in Active Directory using Microsoft Visual Studio and PowerShell.
  **GitHub Link**
- **Library Management User Interface**
  Built a scalable user interface for library management leveraging MongoDB and Python.
  **GitHub Link**
- **Microservice Applications – Project Lead**
  Led a team of four in designing and deploying ten microservices using Flask, Python, Kubernetes, HTML, and Docker.
  **GitHub Link**
- **MySQL Business Application**
  Designed and implemented a database-driven system for a tree cutting business to manage quotes and users. Tools: PyCharm, Java 20, Eclipse, MySQL Workbench.
  **GitHub Link**

**Work Experience**
**Systems Analyst**
*Mayco International, Sterling Heights, MI | January 2025 – Present*
- **Automate application development processes for Microsoft Office 365 and Windows Active Directory**
- **Design, develop, and administer SharePoint solutions to support business operations**
- **Manage SQL Server databases, ensuring performance, security, and reliability**
- **Build interactive dashboards and reports in Power BI for data-driven decision-making**
- **Collaborate with business stakeholders and development teams to streamline IT processes**
- **Implement Power Automate workflows to optimize diverse business use cases**

**Senior IT Help Desk Technician / Data Science**
*Mayco International, Sterling Heights, MI | September 2021 – January 2025*
- **Provided advanced technical support across software, hardware, and networking environments.**
- **Administered Active Directory user and group management with custom PowerShell scripts.**
- **Designed and implemented task automation solutions using Microsoft Visual Studio and PowerShell.**

- **Developed and maintained SQL Server databases to support business operations.**
- **Built and managed Power BI dashboards for actionable data insights and executive reporting.**
- **Overseen SharePoint site administration to streamline collaboration and information sharing.**
- **Collaborated with cross-functional teams and external vendors to optimize IT solutions.**

**Awards & Recognition**
- **Dean of Student Success Services, Macomb Community College (January 2021)**
- **Dean's List, Wayne State University (2021)**
- **Dean's List, Macomb Community College (2019–2020)**
- **Python Programming Certificate**