Julia Sveen

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SKILLS
Languages: Python, R, C++, SQL, JavaScript, HTML/CSS, PHP, Git
Technologies/Platforms: Windows, macOS, Unix, Linux, VSCode, RStudio, Jupyter Notebook, Google Colab, MySQL Workbench, GitHub, Oracle Business Analytics, Active Directory, BeyondTrust Remote Support

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RELEVANT PROFESSIONAL EXPERIENCE

Graduate Assistant - CCI HelpDesk   Aug. 2025 - Present
IT Technician - CCI HelpDesk   Sept. 2024 - Aug. 2025
Florida State University College of Communication & Information, *Tallahassee, FL*
- Provide technical support to 2,500+ users across all academic levels, resolving hardware, software, and account issues in person and remotely using Bomgar.
- Supervise a team of ~12 student technicians, including training, mentoring, and interviewing; directly report to the IT Manager and coordinate on daily operations.
- Manage permissions for listservs and network drives, oversee 500+ IT assets with Lansweeper, support Windows 11 deployments, and assist with Microsoft Intune enrollment and policy setup.

Data Science Intern - REU Program   May - Aug. 2025
National High Magnetic Field Laboratory, *Tallahassee, FL*
- Designed and evaluated machine learning models (OCSVM, Isolation Forest, LSTM Autoencoder) to detect power supply failures using high-frequency sensor data.
- Processed 9+ months of current and voltage signals, applying derivative and downsampling techniques to improve anomaly detection accuracy.
- Delivered high-performing LSTM Autoencoder results and created visualizations to support internal reporting and real-time deployment planning.

Data Quality Intern   June - Aug. 2024
Florida Virtual Campus, *Tallahassee, FL*
- Ensured the accuracy and integrity of bibliographic data by reviewing, validating, and batch loading MARC files into library databases for seamless catalog management
- Created and managed analytic and physical objects using Alma/Oracle Business Analytics

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EDUCATION
Florida State University, *Tallahassee, FL*
Master of Science in Information Technology   Aug. 2025 - Present
Bachelor of Science in Information, Communication and Technology   Aug. 2021 - May 2025
Minors in Computer Science & Mathematics
GPA: 3.85
Involvement:
Students in Technology, Academia, Research, and Service (STARS)
    Member → Vice President   Feb. 2025 - Present
ThinkAI Association
    Social Media Chair → Vice President   Jan. 2025 - Present
Association of Information Technology Professionals (AITP)
    Outreach Chair   Aug. 2025 - Present
CCI Student Leadership Council & Women Wednesdays
    Member   Aug. 2025 - Present

FEATURED PROJECTS
Personal Website/Portfolio | HTML/CSS/JavaScript | **juliasveen.com**   *In Progress*
- Designing and implementing a responsive and interactive user interface using HTML, CSS, and JavaScript to provide an engaging user experience
- Developing and maintaining a personal portfolio website using GitHub Pages, showcasing interactive resume

NFL Draft Case Study | R, Microsoft Excel
- Utilized R packages to perform and visualize K-means clustering on NFL Draft wide receiver data
- Analyzed cluster trends and draft insights, comparing player performance and visualizing results using ggplot2

Attendance Case Study | R, Microsoft Excel
- Conducted an in-depth analysis to explore factors influencing attendance at Dodger Stadium
- Implemented multiple regression models with different combinations of independent variables and evaluated their performance using metrics like R-squared, MAE, and RMSE