

# John Swindell

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## EDUCATION

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**Southern New Hampshire University**  
**Bachelor of Science, Computer Science**  
GPA: 4.0 | SNHU President's List: 2024 - 2025

**Expected: May 2026**  
*Manchester, NH*

## WORK EXPERIENCE

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### Google Search Quality Rater

**October 2024 – January 2025**

*RWS Group Ltd.*

- Worked on training and optimizing search algorithms on evolving search patterns and user behavior trends.
- Maintained and ensured high levels of accuracy and consistency in evaluating search engine algorithm outputs.
- Provided insights to improve search engine optimization strategies, content quality, and overall user experience.

### Senior Server Administrator

**October 2021 – October 2023**

*Repulsion Ltd.*

- Promoted to Senior Server Administrator in the first year for demonstrating technical expertise and leadership.
- Managed and optimized 16 servers across multiple regions, improving performance and reducing downtime.
- Utilized Linux and Pterodactyl to maintain server infrastructure, troubleshooting issues and optimizing code.
- Collaborated with development teams to debug and optimize C# game plugins, enhancing user experience.
- Acted as a key liaison for customer issues, ensuring satisfaction through problem resolution and communication.

### Server Administrator

**August 2020 – October 2021**

*Rustynation LLC.*

- Developed and maintained server infrastructure, including player data analysis using Arkan and Battlemetrics.
- Conducted quality assurance tests on server performance and user interactions, identifying and resolving issues.
- Composed public announcements and events for community engagement via Discord and website updates.

## RELEVANT PROJECTS

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### Foundational Java Application Development

- Developed a Java application prototype based on simulated client requirements in an Agile Scrum environment.
- Developed mobile applications using Android Studio for personal use, implementing Git for version control.

### Web Scraping & Data Analysis

- Built a web scraper using Python and BeautifulSoup to collect real-time data from multiple websites.
- Applied data analysis techniques to generate insights and visualizations, using Pandas, SciPy, and Matplotlib.

### Structured Database Environment Experience

- Designed and implemented relational databases in SQL/MySQL using ERDs, complex queries, algebraic optimization.
- Applied knowledge of indexing strategies, storage structures, and stored procedures to enhance database efficiency.

## LEADERSHIP

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### Computer Science Club

**September 2024 – Current**

- Actively contributing to club projects and assisting with tech-related events.
- Regularly engage in coding competitions, problem-solving challenges, and collaborative development projects.
- Conducted AI Research with an emphasis on machine learning in educational and medical applications.
- Assisting fellow students in coding fundamentals, Java, Python, and software development.

### Cyberleague Club

**September 2024 – Current**

- Collaborate with peers to analyze and discuss cybersecurity strategies, enhancing critical field knowledge.
- Assist in organizing events and internal competitions, fostering teamwork and engagement within the club.

## TECHNICAL SKILLS

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- Programming Languages: Python, Java, C#, SQL/MySQL, JavaScript, HTML, CSS, R, Lua
- Backend & Databases: SQL/MySQL, Server Administration (Linux), API concepts
- Tools & Technologies: MATLAB, Android Studio, BeautifulSoup, Pterodactyl, Pandas, SciPy, Matplotlib, NumPy
- Development Concepts: Foundational App Development, Web Scraping, Data Analysis, Agile Development, Debugging