

Spencer Nash

Data Center Operations and Disaster Recovery Intern

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SUMMARY

Eager computer science student specialized in data management with hands-on experience in simulating data center operations. Supported the creation of disaster recovery plans through academic projects, demonstrating a solid grasp of critical principles related to data security and operational efficiency. Skilled at collaborating with peers and engaging in troubleshooting scenarios. Strongly committed to improving processes and staying updated on industry advancements. Ready to contribute enthusiasm and dedication to TechCorp Solutions while learning from talented team members.

EDUCATION

Bachelor of Science in Computer Science

University of California, Los Angeles 🎓 GPA: 3.8 📅 2026 📍 Los Angeles, CA

Coursework: Data Structures, Operating Systems, Network Security, Database Management

TECHNICAL SKILLS

- **Programming Languages:** Python
- **Cloud Platforms:** AWS
- **Documentation Tools:** Microsoft Office, Google Docs, Confluence
- **Project Management Tools:** Trello, Asana, JIRA
- **Operating Systems:** Windows, Linux
- **Networking Protocols:** TCP/IP, DNS, DHCP
- **Database Technologies:** SQL, MySQL, Oracle
- **Virtualization Technologies:** VMware, Hyper-V, Docker
- **Data Analysis Tools:** Excel, Tableau, R
- **Security Principles:** Encryption, Access Controls, Backup Strategies

SKILLS

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|------------------------------|--------------------------|-----------------------|------------------------|
| • Data Center Operations | • Documentation | • Process Improvement | • Presentation Skills |
| • Disaster Recovery Planning | • Team Collaboration | • Audit Procedures | • Prototyping |
| • Python | • System Troubleshooting | • User Testing | • Compliance Standards |
| • AWS | • Technology Research | • Communication | • Analysis |

EXPERIENCE

Data Center Operations Assistant

University Project 📅 January 2026 - Present 📍 Los Angeles, CA

Contributed to a university initiative focused on simulating data center operations and emergency protocols. Collaborated with fellow students to develop practical solutions that mimic real-world challenges in data management. Gained expertise in troubleshooting, auditing, and documentation for disaster recovery planning.

- Helped create a comprehensive disaster recovery plan simulated for a capstone project, ensuring process clarity.
- Conducted routine audits and performance tests on virtual server setups, achieving total compliance with standards.
- Documented critical workflows to establish a reference guide beneficial for future initiatives.
- Participated actively in equipment troubleshooting, enhancing resolution times by focusing on realistic scenarios.
- Presented analytical findings to faculty, gaining positive insights for further improvements in presentation skills.
- Explored emerging technologies relevant to data center solutions, preparing recommendations to be shared with peers.

Disaster Recovery Research Intern

Academic Research 📅 September 2025 - December 2025 📍 Los Angeles, CA

Engaged as part of a research team dedicated to analyzing disaster recovery practices, examining current methodologies in depth. Investigated case studies and compiled reports to highlight effective strategies in managing data loss risks.

- Research included creating comprehensive reports on best practices around recovery plans relating to data centers.
- Collaborated closely with colleagues, strategizing implementation methods and validating results from analyzed scenarios.
- Produced test prototypes for routine disaster recovery drills, verifying practicalities under controlled situations.
- Documented discoveries from research activities, improving accessible resources for academia moving forward.

- Held regular discussions within teams for updates and progress, promoting collaborative engagement.
- Contributed outcomes during presentations at university symposiums, enhancing confidence and communication abilities.

Data Center Optimization Developer

Hackathon Project 📅 March 2025 📍 Los Angeles, CA

Worked collaboratively during a weekend hackathon to design an innovative application focused on monitoring data centers' health metrics in real time. Leveraged programming skills to deliver solutions efficiently under tight timelines.

- Executed rapid development sessions using Python and AWS tools, yielding a working prototype ready for demonstration.
- Facilitated user testing phases for feedback collection from attendees, refining features extensively based on responses.
- Contributed flair and distinctive approaches during final product pitch presentations, securing judges' recognition.
- Ensured processing records were complete and served as a valuable guide for all venture activities undertaken.
- Communicated with industry leaders for networking opportunities, reflecting strong engagement spirit.
- Leveraged collaboration and vision sharing with teammates to produce innovative solutions within set constraints.

LEADERSHIP & AWARDS

- Dean's List, University of California, Los Angeles (2025)
- First Place, UCLA Hackathon (2025)

CERTIFICATIONS

- Google Cloud Fundamentals: Core Infrastructure 📅 2026
- AWS Academy Cloud Foundations 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Computer Science Club, UCLA (2024 – Present)
- Volunteer, Local Coding Bootcamp for Youth (2025 – Present)

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST