Malachi Randall

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SUMMARY

Driven Computer Science student passionate about data analytics and cloud technologies, eager to contribute skills in a practical environment. Experience includes developing automated applications and analyzing complex datasets using Python and SQL. Recognized for problem-solving abilities and strong collaboration within diverse teams. Committed to leveraging learned knowledge in the SSD telemetry field under adept guidance. Enthusiastic about embracing new challenges and creating impactful solutions that support Innovative Solutions Corp.'s mission. Open to learning and enhancing technical competencies while contributing meaningful insights into performance testing and automation.

EDUCATION

Bachelor of Science in Computer Science 2026

Boise State University GPA: 3.5 *Boise, ID*

Coursework: *Data Structures, Algorithms, Database Management, Cloud Computing*

TECHNICAL SKILLS

- **Cloud Tools:** AWS, GCP, Azure
- **Programming Languages:** Python, C++, SQL
- **Data Analytics Frameworks:** Pandas, NumPy, Matplotlib
- **Database Technologies:** MySQL, PostgreSQL, MongoDB
- **Reporting Tools:** Tableau, Power BI, Google Data Studio
- **Automation Tools:** GitHub Actions, Jenkins, Ansible
- **Version Control Systems:** Git, Subversion, Mercurial
- **Collaboration Platforms:** Slack, Trello, JIRA
- **Development Environments:** Visual Studio Code, Jupyter Notebooks, PyCharm
- **Operating Systems:** Windows, Linux, MacOS

SKILLS

- Python
- C/C++
- Data Analysis
- Problem Solving
- SQL
- Cloud Computing (GCP, AWS)
- Automation

EXPERIENCE

Data Science Intern

January 2026 - Present

University Project *Boise, ID*

Engaged in dynamic data projects supporting real-world applications. Focused on automation for data gathering and analysis using cloud technologies. Directly contributed to efficiency improvements through software solutions that harmonized operations.

- Developed a cloud-based application using Python and SQL to automate data collection from various sources, improving data accuracy by 30%.
- Collaborated with a team to analyze large datasets, identifying trends and generating actionable insights to enhance user engagement.
- Implemented automated reporting tools that reduced manual reporting time by 40%, allowing for quicker decision-making.
- Conducted performance testing on SSD workloads, contributing to the optimization of system configurations for better efficiency.
- Presented project findings to faculty and peers, demonstrating effective communication of complex technical information.

Research Assistant

September 2025 - December 2025

Academic Research *Boise, ID*

Assisted in research focusing on cloud data analytics, skilled in elevating project results through innovative methodologies. Contributions involved hands-on experimentation and collaboration to refine data analysis experiences.

- Assisted in a research project focused on cloud data analytics, contributing to the design and implementation of experiments that evaluated system performance.
- Utilized C/C++ for scripting and automation, ensuring seamless integration of data processing workflows.
- Analyzed research data to identify patterns and anomalies, enhancing the overall research findings.
- Participated in weekly team meetings, providing updates and collaborating on project adjustments to meet deadlines.
- Supported the development of a comprehensive research report, which was presented at a university conference.

Team Member

March 2025

Hackathon Project *Boise, ID*

Collaborated with a diverse group during a competitive hackathon to deliver a cloud visualization prototype. The experience honed teamwork and agility while fostering solutions under pressure:

- Collaborated with a team in a 48-hour hackathon to develop a prototype application for cloud data visualization using AWS services.
- Designed user-friendly interfaces and ensured data accessibility, leading to a successful demonstration of project outcomes.
- Leveraged problem-solving skills to troubleshoot technical issues during the development process, achieving project goals within the time constraints.

LEADERSHIP & AWARDS

- Dean's List, Boise State University (2024, 2025)
- Winner, University Coding Competition (2025)

CERTIFICATIONS

- AWS Cloud Practitioner 2026
- Python for Data Science 2026

PROFESSIONAL AFFILIATIONS

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

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST