

NINA LATIMORE

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SUMMARY

AMBITIOUS FOURTH-YEAR **COMPUTER SCIENCE** MAJOR SEEKING **SRE** OPPORTUNITY TO **SOFTWARE DEVELOPMENT** EXPERTISE IN **DESIGN, BUILDING, AND MAINTAINING EFFICIENT LARGE-SCALE SYSTEMS**. EAGER TO LEVERAGE STRONG FOUNDATION IN PROGRAMMING TO **CONTRIBUTE TO FAULT-TOLERANT DISTRIBUTED SYSTEMS** THAT BALANCE **RELIABILITY, PERFORMANCE, AND SCALABILITY**.

SKILLS

Languages: Python, Java, JavaScript, C#, SQL

Tools & Technologies: Git, HTML/CSS, Qualtrics, C-Cure, SMS

WORK EXPERIENCE

Colibri Group, St. Louis, MO

Summer 2024

Consumer Insights Intern

- Led the improvement of Colibri Group's consumer insights capabilities by transitioning to a templated dashboard model with TextIQ in order to streamline view of data metrics and improved customer experience with surveys. This involved collaborating with the Information Systems team to ensure data accuracy and user-friendly design during the migration.
- Oversaw the migration from a legacy system to Qualtrics in order to ensure the continuity of critical data collection and enhanced the efficiency of survey administration for the Washington University population, supporting 3000 students.
- Owned the development and maintenance of end-of-course surveys gaining experience in the application of AI to analyze consumer feedback and identify key insights. Deployed these insights for streamlined survey format and improved customer experience.

Washington University | Residential Life Center, St. Louis, MO

Fall 2021 – Present

Student Worker - Data Technician

- Led the logistical operation of encoding residential hall keys for over 2,500 on-campus students, ensuring a streamlined move-in process and ensuring appropriate security level access was applied at scale to new students across the academic year, mitigating security and liability concerns for the university.
- Improved residence life key access workflow using SMS and C-Cure encoding to coordinate key and access updates in collaboration with housing operations. Managed key inventory and student access, while also accommodating a workstream to proactively test access issues and maintain efficient service.
- Supported Residence Life with data support and customer service support as Front Desk Technician by providing exceptional customer service as the first point of contact for housing inquiries from faculty, parents, and students.

Washington University | Center for Teaching and Learning, St. Louis, MO

Fall 2022 – Present

Student Worker - Technical Systems Developer

- Collaborated with cross-functional teams to gather requirements and prioritize system features to develop the LSRS Room Rating System for the Danforth Campus, resulting in enhanced classroom efficiency and functionality. This involved defining aspects and levels of ranking, collecting user data, and building a dynamic form for data collection.

PROFESSIONAL DEVELOPMENT

Washington University | Summer Conferences and Programs Department

Summer 2022

Lead Programming Intern

- Designed, planned, and executed a diverse range of engaging events for summer WashU residents, enhancing their overall experience and fostering a strong sense of community.

Washington University | Computer Science Department

Spring 2022

Teaching Assistant

- Supported classroom of 35 students in Introduction to Computer Science by hosting office hours, providing homework assistance, and explaining complex concepts Arrays, Methods, Recursion, Objects, Abstract Data Types, and Introductory Programming Tools and Techniques. Developed strong communication and mentorship skills through regular interaction with students and sharpened ability to distill and explain complex technical skills to new learners.

EDUCATION

Washington University, St. Louis, MO

May 2025 (EXPECTED)

Bachelor of Engineering, Computer Science | Honors: TBD?

Deans List, Spring 2024 and Fall 2024

Technical Projects:

- Developed distributed web application with load balancing (Web Development).
- Implemented and worked to develop optimal algorithms for processing large datasets (Analysis of Algorithms).
- Created testing framework for identifying security vulnerabilities throughout the course (Web Security).

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Advanced Coursework:

Web Development, Rapid Prototype Development and Creative Programming, Data Analytics with Python, Analysis of Algorithms, Object-Oriented Software Development Laboratory, Introduction to Data Science, Elementary to Intermediate Statistics and Data Analysis, Web Security