
Professional Experiences

Cerner Corp. | *Scholar*

Jan 2021 - May 2021

- Revamped and optimized JavaScript software by identifying and resolving 7 program defects and implementing 5 key feature enhancements.
- Gained exposure to the Software Development Cycle and Agile Methodology in a team environment.
- Resulted in 25% reduction in runtime through optimizations of pre-existing algorithms and data structures.

T-Mobile US | *Intern*

Jun 2021 - Aug 2021

- Established an enhanced coaching experience by facilitating continuous feedback between coaches and clients. Achieved this by developing a fully responsive surveying website.
- Leveraged REACT JS as front-end and Fastify as back-end API to store survey data for in-depth analysis between coach and client.
- Delivered a significant improvement in coaching effectiveness through the implementation of a feedback system that enables coaches and clients to save and review feedback.

Cerner Corp. | *Scholar*

Sep 2021 - May 2022

- Modernized documentations across 160+ GitHub repositories using a Python script.
- Leveraged tools such as GitHub REST API, Ruby, Python, GitHub, and Jenkins to develop a bi-weekly Ruby script executed on Jenkins with the purpose of eliminating old, unused GitHub Branches.
- Resulted in the elimination of over 130 redundant branches and improved repository processing and response time in virtual environments.

T-Mobile US | *Intern*

July 2022 - Sep 2022

- Leveraged SQL to analyze over 250,000 tuples of relational data related to advertisement campaigns.
- Resulted in a visualization of over 250,000 tuples of relational data using Power BI, allowing for more effective ad campaigns while ensuring compliance under the CAN-SPAM Act.

Proficiencies

Programming Languages: C++, JavaScript, Python

Tools/Skills: GitHub, Unix, Vim, Jira, Agile Methodology, Software Development Life Cycle, REST API.

Education

University of Missouri, Kansas City

May 2025 (Expected)

Bachelor of Science in Computer Science | 3.98 GPA

- **Relevant Coursework:** Problem Solving & Programming I & II, Intro Computer Architecture and Org, Data Structures, Intro Operating Systems, Intro Database Management Systems

Extracurriculars

Project Lead the Way Computer Science (PLTW)
Pathways to Technology (PREP-KC)

Honors and Awards

- Class of 2022 Valedictorian
- Dean's List x4