**Peter K. Rocha**

(402) 333-1234 [peter.rocha@gmail.com](mailto:peter.rocha@gmail.com) Omaha, NE

**SUMMARY OF QUALIFICATIONS**

* Aspiring software developer with 19 months of paid industry internship experiences covering a breadth of technologies and development methodologies
* Strong ability to quickly adapt to new and evolving technologies
* Excellent verbal and written communication skills, including experience interfacing directly with clients and internal staff
* Best Paper Award: 2023 Undergraduate IS&T Research Conference for Paper on Video Compression

**CORE COMPETENCIES**

**Programming Languages:** Java, Objective-C, C#, C++, SQL  
**Integrated Development Environments:** Eclipse, Microsoft Visual Studio, Xcode

**EDUCATION**

University of Nebraska at Omaha  
Bachelor of Science in Computer Science Expected May 2025

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| * 3.98 GPA | * Phi Kappa Phi Academic Honor Society |
| * Walter Scott, Jr. Scholarship Recipient | * Delta Epsilon Iota Academic Honor Society |
| * Chancellor’s List Fall 2022 – Spring 2025 | * Honors Program |

**EXPERIENCE**

*Software Development Intern*  Aug. 2024 - Present  
Lockheed Martin, Information Systems & Global Solutions Defense, Papillion, NE

* Transferred cutting edge software R&D project from WebLogic application server to GlassFish application server
* Designed and developed functional application protype to generate automated testing scripts for complex browser-based applications; superiors vocalized interest in integrating this prototype into enterprise testing suite
* Work contract extended into the school year due to high level of contribution

**Environment**: Java, Eclipse, GlassFish, Oracle WebLogic, Selenium, Google Web Toolkit, Apache Subversion

*Student Researcher* Jan. 2024 – May 2024  
Peter Kiewit Institute College of IS&T, Omaha, NE

* Worked under Dr. Qiuming Zhu (Chairman, Computer Science Dept.) on a NASA Nebraska Space Grant
* Implemented and optimized known compression algorithms for digital video and imagery including frame differencing, noise reduction, region growing by pixel aggregation, and object segmentation
* Reduced video files by as much as 96 percent using implementations

**Environment**: Java, Eclipse

*Student Worker Tutor*Peter Kiewit Institute College of IS&T, Omaha, NE Aug. 2022 – May 2023

* Tutored over 30 students in various Computer Science subjects resulting in an average grade increase of 20 percent
* Tailored teaching style and prepared individualized lesson plans to meet student needs
* Communicated and coordinated study hours with students via email, phone calls, and text messages