

Keysha Gehrs

Research Engineer

Details

keysha.gehrs@gmail.com

(985) 440-9547

1234 Oak Street, Richmond, VA 23220

Profile

A Research Engineer with 2 years of experience in developing innovative solutions and conducting cutting-edge research in multidisciplinary engineering fields. Proficient in utilizing state-of-the-art tools, software, and methodologies to optimize processes and achieve project goals. Strong analytical, problem-solving, and collaboration skills, coupled with a dedication to continuous learning and professional development. Demonstrated ability to contribute effectively in both individual and team-based projects.

Employment History

Senior Research Engineer at Aptima, Inc., VA

Mar 2023 - Present

- Developed and implemented a machine learning algorithm that improved data processing efficiency by 35% for a major defense project, leading to significant cost and time savings for the client.
- Successfully led a team of 5 research engineers in the design and development of an advanced simulation system, resulting in a \$2 million contract award from the Department of Defense.
- Co-authored and published 3 research papers on human performance modeling and optimization in prestigious international conferences, showcasing Aptima's expertise in the field and contributing to the company's reputation as a thought leader.
- Secured a \$1.5 million grant from the National Science Foundation to fund cutting-edge research in artificial intelligence and human-machine teaming, enabling the company to expand its capabilities and attract top talent.

Research Engineer at Perspecta Labs, VA

Jul 2021 - Jan 2023

- Developed and implemented an advanced machine learning algorithm that improved data processing efficiency by 35%, leading to faster and more accurate analysis of large datasets for various research projects.
- Successfully led a team of 5 engineers in the design and development of a state-of-the-art cybersecurity solution, resulting in a 90% reduction in security breaches and a 75% decrease in incident response time for clients.
- Collaborated with cross-functional teams to create an innovative computer vision system, which increased the accuracy of object recognition by 50% and significantly enhanced the performance of autonomous systems.
- Secured \$2 million in research grants and funding for the development of cutting-edge technologies in areas such as artificial intelligence, robotics, and cybersecurity, ensuring the company's continued growth and innovation.