Who is Armold?

Armold is an interactive robotic arm designed and built by students at Rose-Hulman Institute of Technology as their senior year capstone project. Armold serves as a permanent resident here, a testament to the achievements possible through the power of mechatronics. This interdisciplinary field combines engineering design, mechanical engineering, electronics engineering, computer science, and more.

Armold is more than a heap of wires and 3D prints. He embodies the possibilities of how a humanoid structure could aid in remote applications by being intuitive to use. Imagine a world where robots like him (albeit, more fine-tuned) assist in delicate surgeries, handle toxic waste, teach piano lessons, or simply lend a helping hand with everyday tasks. Armold is a stepping stone on that path, showcasing the potential ways mechatronics can improve our lives.

Armold is intended to be an inspiring and educational display for visitors, students, and staff. Feel free to interact with Armold using his wireless control panel.

Armold isn't just a robot; he's a symbol of Rose-Hulman's commitment to fostering innovation and pushing the boundaries of engineering. We are proud of the work that went into creating him, and we hope he serves as a source of inspiration for all who encounter him.

Created by:

Dylan Dorman - *Engineering Design ‘24*

Andi Fiani - *Engineering Design ‘24*

Shelby Schipper - *Engineering Design ‘24*

Chris Steiner *- Computer Science ‘24*

P.S. Just because Armold *can* give the middle finger, doesn’t mean Armold *should* give the middle finger.