

Rhett Applestone

EDUCATION

- The University of Alabama:** Tuscaloosa, AL (Jan 2024 - Current)
- *Bachelor of Science in Electrical Engineering: May 2027*
 - *Presidential Scholarship, Engineering Leadership Scholarship, Honors college*

WORK EXPERIENCE

- Massachusetts Institute of Technology:** Cambridge, MA (Aug 2023 - Dec 2023)
Dept. of Nuclear Science and Engineering: Prof. Michael Short (May 2024 - Aug 2024)
- *Designed Geiger Counters*
 - *Safe handling of radioactive material and high voltage*

- The University of Wisconsin-Madison:** Madison, WI (June 2021 - Jan 2024)
Physics Intern: Prof. Victor Brar
- *Helped Interface Scanning Tunneling Microscopes with haptic controls*
 - *Published in Ultramicroscopy Scientific Journal*

SKILLS

- *Linux, Git, Python, Bash, C, ASM, Golang, SSH*
- *Kicad, Arduino, Raspberry Pi, Freecad, Soldering*
- *HTML, CSS, Inkscape*
- *Volkswagen repair (1968 era)*

PUBLICATIONS

- *Scanning Tunneling Microscope research paper published in Scientific Journal*
<https://www.sciencedirect.com/science/article/abs/pii/S0304399123001730>

CERTIFICATION / LICENSURE

- *Merchant Mariner Credential*
- *Open Water Scuba Diver*