

Rhett Applestone

EDUCATION:

- The University of Alabama:** Tuscaloosa, AL (Jan 2024 - Current)
- *Bachelor of Science in Electrical Engineering: May 2027*
 - *Minor: Mathematics*
 - *4.0/4.0 GPA*
 - *Presidential Scholarship, Engineering Leadership Scholarship, Honors college*

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 Counter Boards*
 - *Safe handling of radioactive material and high voltage*

- The University of Wisconsin-Madison:** Madison, WI (June 2021 - Jan 2024)
Physics Researcher: Prof. Victor Brar
- *Interfaced Scanning Tunneling Microscopes with haptic control software and hardware*
 - *Published in Ultramicroscopy Scientific Journal*

- Vesper Realty Advisors:** Boston, MA (Aug 2023 - Dec 2023)
Data Analyst / IT
- *Database procurement and data analysis for real estate*
 - *Management information systems, research and development, client generation*

SKILLS

- *Kicad, Eagle, ESP-32, Arduino, Raspberry Pi, Fusion360, Freecad, Soldering*
- *HTML, CSS, JS, Inkscape, PostgreSQL, Amazon AWS EC2 and Route 53*
- *Linux, Git, Python, Golang, C, C++, Bash, LabVIEW, SSH, Vim, Micro*
- *Windows, Excel, Costar, MLS, CRM*

PUBLICATIONS

- *Paper Published in Ultramicroscopy Scientific Journal: Conducted at UW-Madison*
<https://www.sciencedirect.com/science/article/abs/pii/S0304399123001730>

CERTIFICATION / LICENSURE

- *Merchant Mariner Credential + TWIC + Medical Cert*
- *Open Water Scuba Diver*