

Rhett Applestone

EXPERIENCE

Massachusetts Institute of Technology: Cambridge, MA (Aug 2023 - Dec 2023)

Dept. of Nuclear Science and Engineering: Prof. Michael Short

- *Geiger counter circuit board design*
- *Autodesk Eagle, soldering, and general electrical engineering*
- *Safe handling of radioactive material and high voltage*

The University of Wisconsin-Madison: Madison, WI (June 2021 - Jan 2024)

Physics Researcher: Prof. Victor Brar

- *Published in Ultramicroscopy Scientific Journal*
<https://www.sciencedirect.com/science/article/abs/pii/S0304399123001730>
- *Interfaced Scanning Tunneling Microscopes with haptic control software and hardware*
- *Golang, Python, C++, Bash, LabVIEW*

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*
- *Excel, Costar, MLS, CRM*

Sha2git.com: Virtual (Feb 2023 - Current)

Head Architect / Backend Engineer

- *Designed layout, functionality, and security for Git repository hosting service*
- *Improved knowledge of new Git repository systems and usage*
<https://medium.com/@v3ai/how-to-use-sha-2-git-repositories-6c2a6ed5d580>
- *GIT, HTML, CSS, JS, PostgreSQL, Amazon AWS EC2 and Route 53, SSH, Linux*

EDUCATION AND HONORS

The University of Alabama: Tuscaloosa, AL (Jan 2024 - Current)

Bachelor of Science in Electrical Engineering: May 2027

Saint John's School: San Juan, PR (Aug 2019 - May 2023)

Focused on Physics and Math: GPA 4.3

Harvard Summer School: Cambridge, MA (June 2022 - Aug 2022)

Intro to Digital Fabrication and Music Theory: July 2022

- **Presidential Scholar Candidate: 1540 SAT**
- **The University of Alabama Presidential Scholarship and Honors College**