Project student will be supporting:

Cybersecurity Research: Deconstructing, Breaking, and Reconstructing Computation.

Sponsor:

Prof. Trachtenberg

Hours per week

40 hours per week in the summer; possible Spring 2018 hours.

Paid?

This position will be paid (pending fund availability).

Job description

Research projects are available for all forms of (legal) hacking: smartphone, operating systems, software, hardware, kernel, etc. Past projects have included:

- Measuring information leakage in flash memory
- Authenticate users through their gait
- Adding an encryption overlay on Google Docs.

Qualifications:

- Strong programming skills - at least an excellent grade in EC327 or equivalent
- Demonstrated ability to learn quickly.
- The following courses are a plus: algorithms/data structures, operating systems, databases, number theory, discrete math, cybersecurity.