

Nick Gregory

nick@nickgregory.me

- INTERESTS** Computer security (especially reverse engineering and binary exploitation), meteorology, photography, bowling.
- EDUCATION** **NYU Tandon School of Engineering**, Brooklyn, New York, USA
- B.S. in Computer Science Sep 2015 – May 2019 (Expected)
 - Focus: Cybersecurity
 - Cumulative GPA: 3.65
- WORK HISTORY**
- Research Intern, **Capsule8** May 2018 – Aug 2018
 - Researched and implemented strategies to detect zero-day attacks
 - MySQL Production Engineering Intern, **Facebook** May 2017 – Aug 2017
 - Rewrote internal tools used to build out new MySQL clusters
 - Research Intern, **M.I.T. Lincoln Lab** May 2016 – Aug 2016
 - Researched techniques to emulate complete embedded systems in the QEMU hardware emulator
 - Development Intern, **CRISS, Vanderbilt University** Jan 2013 – Aug 2013
 - Developed a new web-based control system to review medical operations
- OTHER EXPERIENCE**
- Vice President & Infrastructure Manager, **NYU OSIRIS Lab** Sep 2015 – Present
 - Oversaw most lab research efforts, and managed all lab infrastructure
 - Co-Lead, **CSAW CTF** 2016 – 2018
 - Wrote challenges for, and helped run CSAW CTF
 - During this time, CSAW Finals expanded from 1 site to 5 international locations
- ACHIEVEMENTS & AWARDS**
- Dean's List, NYU Tandon School of Engineering 2015 – 2017
 - Bug Bounties 2016 – Present
 - Found and reported bugs to 4 Alexa top 1000 sites, multiple of which could have led to complete site compromise.
 - 10th Place, DEFCON Finals (RPISEC) 2018
 - 16th Place (10th Academic), iCTF (NYUSEC) 2017
 - 2nd Place, CyberSEED CTF (NYUSEC) 2016
 - 9th Place, CSAW CTF Finals (NYUSEC) 2015
- PROJECTS**
- Holodeck
 - Assisted rehosting of embedded devices in QEMU
 - Warpcore
 - A work-in-progress cyber reasoning system (CRS)
 - Introduction to Offensive Security
 - A course I co-created to teach offensive security at NYU
 - Dispatch
 - A Python framework for programmatically disassembling and patching binaries
- SKILLS** C, C++, Python, x86 assembly, ARM assembly, MySQL