

Nick Gregory

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INTERESTS	Computer security (especially reverse engineering and binary exploitation), meteorology, photography, bowling.
EDUCATION	NYU Tandon School of Engineering , Brooklyn, New York, USA <ul style="list-style-type: none">B.S. in Computer Science Sep 2015 – May 2019 (Expected)<ul style="list-style-type: none">Focus: CybersecurityCumulative GPA: 3.65
WORK HISTORY	<ul style="list-style-type: none">Research Scientist, Capsule8 Jan 2019 – PresentResearch Intern, Capsule8 May 2018 – Aug 2018<ul style="list-style-type: none">Researched and implemented strategies to detect zero-day attacksMySQL Production Engineering Intern, Facebook May 2017 – Aug 2017<ul style="list-style-type: none">Rewrote internal tools used to build out new MySQL clustersResearch Intern, M.I.T. Lincoln Lab May 2016 – Aug 2016<ul style="list-style-type: none">Researched techniques to emulate complete embedded systems in the QEMU hardware emulatorDevelopment Intern, CRISS, Vanderbilt University Jan 2013 – Aug 2013<ul style="list-style-type: none">Developed a new web-based control system to review medical operations
OTHER EXPERIENCE	<ul style="list-style-type: none">Vice President & Infrastructure Manager, NYU OSIRIS Lab Sep 2015 – Dec 2018<ul style="list-style-type: none">Oversaw most lab research efforts, and managed all lab infrastructureCo-Lead, CSAW CTF 2016 – 2018<ul style="list-style-type: none">Wrote challenges for, and helped run CSAW CTFDuring this time, CSAW Finals expanded from 1 site to 5 international locations
ACHIEVEMENTS & AWARDS	<ul style="list-style-type: none">Dean's List, NYU Tandon School of Engineering 2015 – 2017Bug Bounties 2016 – Present<ul style="list-style-type: none">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) 201816th Place (10th Academic), iCTF (NYUSEC) 20172nd Place, CyberSEED CTF (NYUSEC) 20169th Place, CSAW CTF Finals (NYUSEC) 2015
PROJECTS	<ul style="list-style-type: none">Holodeck<ul style="list-style-type: none">Assisted rehosting of embedded devices in QEMUIntroduction to Offensive Security<ul style="list-style-type: none">A course I co-created to teach offensive security at NYUDispatch<ul style="list-style-type: none">A Python framework for programmatically disassembling and patching binariesWeather Explorer<ul style="list-style-type: none">A work-in-progress site for exploring current weather and forecast data
SKILLS	C, C++, Python, x86 assembly, ARM assembly, MySQL