

# Nick Gregory

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<b>INTERESTS</b>	Computer security (especially reverse engineering and binary exploitation), meteorology, photography, bowling.
<b>EDUCATION</b>	<b>NYU Tandon School of Engineering</b> , Brooklyn, New York, USA
	<ul style="list-style-type: none"><li>▪ B.S. in Computer Science <span style="float: right;">Sep 2015 – May 2019</span><ul style="list-style-type: none"><li>• Focus: Cybersecurity</li><li>• Cumulative GPA: 3.63</li></ul></li></ul>
<b>WORK HISTORY</b>	<ul style="list-style-type: none"><li>▪ Research Scientist, <b>Capsule8</b> <span style="float: right;">Jan 2019 – Present</span></li><li>▪ Research Intern, <b>Capsule8</b> <span style="float: right;">May 2018 – Aug 2018</span><ul style="list-style-type: none"><li>• Researched and implemented strategies to detect zero-day attacks</li></ul></li><li>▪ MySQL Production Engineering Intern, <b>Facebook</b> <span style="float: right;">May 2017 – Aug 2017</span><ul style="list-style-type: none"><li>• Rewrote internal tools used to build out new MySQL clusters</li></ul></li><li>▪ Research Intern, <b>M.I.T. Lincoln Lab</b> <span style="float: right;">May 2016 – Aug 2016</span><ul style="list-style-type: none"><li>• Researched techniques to emulate complete embedded systems in the QEMU hardware emulator</li></ul></li><li>▪ Development Intern, <b>CRISS, Vanderbilt University</b> <span style="float: right;">Jan 2013 – Aug 2013</span><ul style="list-style-type: none"><li>• Developed a new web-based control system to review medical operations</li></ul></li></ul>
<b>OTHER EXPERIENCE</b>	<ul style="list-style-type: none"><li>▪ Vice President &amp; Infrastructure Manager, <b>NYU OSIRIS Lab</b> <span style="float: right;">Sep 2015 – Dec 2018</span><ul style="list-style-type: none"><li>• Oversaw most lab research efforts, and managed all lab infrastructure</li></ul></li><li>▪ Co-Lead, <b>CSAW CTF</b> <span style="float: right;">2016 – 2018</span><ul style="list-style-type: none"><li>• Wrote challenges for, and helped run CSAW CTF</li><li>• During this time, CSAW Finals expanded from 1 site to 5 international locations</li></ul></li></ul>
<b>ACHIEVEMENTS &amp; AWARDS</b>	<ul style="list-style-type: none"><li>▪ Dean's List, NYU Tandon School of Engineering <span style="float: right;">2015 – 2017</span></li><li>▪ Bug Bounties <span style="float: right;">2016 – Present</span><ul style="list-style-type: none"><li>• Found and reported bugs to 4 Alexa top 1000 sites, multiple of which could have led to complete site compromise.</li></ul></li><li>▪ 10th Place, DEFCON Finals (RPISEC) <span style="float: right;">2018</span></li><li>▪ 16th Place (10th Academic), iCTF (NYUSEC) <span style="float: right;">2017</span></li><li>▪ 2nd Place, CyberSEED CTF (NYUSEC) <span style="float: right;">2016</span></li><li>▪ 9th Place, CSAW CTF Finals (NYUSEC) <span style="float: right;">2015</span></li></ul>
<b>PROJECTS</b>	<ul style="list-style-type: none"><li>▪ Holodeck<ul style="list-style-type: none"><li>• Assisted rehosting of embedded devices in QEMU</li></ul></li><li>▪ Introduction to Offensive Security<ul style="list-style-type: none"><li>• A course I co-created to teach offensive security at NYU</li></ul></li><li>▪ Dispatch<ul style="list-style-type: none"><li>• A Python framework for programmatically disassembling and patching binaries</li></ul></li><li>▪ Weather Explorer<ul style="list-style-type: none"><li>• A work-in-progress site for exploring current weather and forecast data</li></ul></li></ul>
<b>SKILLS</b>	C, C++, Python, x86 assembly, ARM assembly, MySQL