

Bohan, Tyler

Tyler.Bohan@nyu.edu • 774-283-3356
Github.com/blankwall

Education

New York University Polytechnic School of Engineering
Bachelor of Science – Computer Science (expected June 2016)

Experience

Broadridge Financial Solutions

Information Security Intern - *June 9th 2014 – August 15th 2014*

Source Code Analysis

Web Application Auditing

United States Coast Guard

Machinery Technician – *June 20th 2008 – June 20th 2012*

Routine maintenance and upkeep on board ship

Head of maintenance and repair department

Skills

- Proficient in C/C++, Python, and Java

Projects

- X86 Constraint Solver
 - Developed program to parse x86 machine code gathering constraints and use Microsoft's constraint solver, z3, to solve them.

Courses

- Program Analysis
 - Code Coverage
 - Symbolic Execution
 - Constraint Solving
- Assured Exploitation
 - In-depth review of GS, ASLR, DEP, SafeSEH and SEHOP mitigations
 - Heap implementation details and manipulation of the heap state
 - Bypassing DEP and ASLR in Internet Explorer 8 on Windows 7

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