Josh Hofing

Software Developer, Security Researcher

Email: self@hypersonic.me
GitHub: Hypersonic
Website: http://hypersonic.me

Projects

Tower:
A simple stack-based language
Languages: Python
Made in 2015

PyUtil:
A collection of useful Python functions
Languages: Python
Made in 2015

Sumotion:
Sumo with gravity!
Languages: D
Made in 2015

Funk:
Funky python decorators and utilities
Languages: Python
Made in 2015

Particulate:
The easiest particle system library you've ever used
Languages: D
Made in 2015

(See a full list on hypersonic.me/projects.html)

Education

New York University Polytechnic School of Engineering
2014 - 2018 (Expected)
BS Computer Science

Stuyvesant High School
2010 - 2014

Languages

C C++ D Java Python Javascript

Awards

CSAW CTF 2015 Finalist (on NYUSEC).

9th place at finals

1st place at Unhackathon 2014 in "Most Useful" for our application Tint on a team with Zane Sterling and Mitchell Gouzenko

1st place at St. Joseph's Programming Competition in 2013 on a team with Ben Kurtovic and Sebastian Conybeare

Employment

BAE Systems Applied Intelligence
Security Researcher Intern
Summer 2015

Developed lock-free data structures for use in highly-concurrent environments.

Developed automated program-analysis capabilities to detect similarity between programs and known malware.

Extended library support of internal Python interpreter with C extensions.