

# Long Nguyen

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## EXPERIENCE

### SOFTWARE DESIGN ENGINEER | ARBOR NETWORKS, INC / NETSCOUT SYSTEMS

Summer 2014, Summer 2015 - Now | Westford, MA

- Full-stack engineer. Top performer and quick learner.
- Technical Lead of a critical Threat Intelligence feature. Made use of the standardized STIX/TAXII format to exchange threat intelligence.
- Worked with the Open Source community to extend Threat Intelligence technologies.
- Worked on Arbor Networks AED Console: a central controller of multiple Arbor Networks APSes.
- Worked on Arbor Edge Defense: an enterprise DDOS mitigation and threat mitigation solution that alleviates malicious traffic. Helped develop and improve countermeasures.
- Worked on a home-grown Linux-based operating system ArbOS that power the APS and the Console. Learned various computer network and network security topics.
- Technologies used: Python, C, Bash, JavaScript, Socket Programming, Node, React, Babel, ES6, ES7.

## EDUCATION

### WORCESTER POLYTECHNIC INSTITUTE

B.S. IN COMPUTER SCIENCE

Graduated with Distinction - May 2015  
Worcester, Massachusetts

## COURSEWORK

### UNDERGRADUATE

Software Engineering  
Software Security Engineering  
Operating Systems  
Database Systems  
Computer Networks  
Network Security  
Data Structures and Algorithms

## SKILLS

### PROGRAMMING

Experienced:

Python • JavaScript • React • Node.js

Comfortable:

SQL • MongoDB • Java • C • Socket  
programming

### TECHNOLOGIES

Operating Systems:

Linux • Mac OS X • Windows

Version control:

Git • SVN

Skills:

Agile-development • Scrum planning

Also experienced in:

Ixia network testing • Operating system  
programming

### YEARS IN CODE

years = 7;

years++;