# Boris Ning

Software Engineer

## Contact

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| **Email** | borisyning@gmail.com |

## Location

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| **Postal Code & City** | 20171 Herndon |
| **Region** | Virginia |

## Work Experience

**2016-04-25 till today**

**Software Engineer - DevOp** at **Neustar:**
Supported a customer facing platform for DDOS protection while enhancing visibility to customer network traffic.

- Migrated a monolithic application to microservices on AWS for high availability, better testing, and simplier deployment.
- Recreated continuous integration / continuous deployment chain using Ansible, Kubernetes, and Gitlab.
- Built a network traffic application for visualizing aggregating feeds from various network sensors.
- Automated scripts for detecting issues and fixing them to eliminate costly pages from PagerDuty.

**2010-07-20 till 2016-04-11**

**Software Engineer** at **The Boeing Company:**
Developed high performance applications in embedded devices used in signal processing.

- Led a team in research and development in exploitation of devices for security vulnerabilities.
- Created a map application displaying analytics for commercial cell tower signal range.
- Developed a web application for searching and filtering of device identifiers.
- Enhanced libraries used for high performance C++ signal processing for cellular protocols.

**2009-07-01 till 2009-12-01**

**Intern - Software Engineer** at **The Boeing Company:**
Supported test frameworks to increase test coverage over legacy applications.

## Education

**2011-02-04 till 2014-05-30**

**Johns Hopkins University**
- Master: Computer Science

**2006-09-01 till 2010-05-28**

**Rensselaer Polytechnic Institute**
- Bachelor: Computer Science and Mathematics

## Awards

**2014 Team of the Year - Boeing N&SS - E&IS**
**2015-02-01**

**Boeing**
- Part of a team that demonstrated key capabilities in multi-antenna digital signal processing.

## Skills

**Backend Development:** NodeJS, Java, Go, C++
**Cloud Development:** AWS, GCE, Kubernetes, Docker, Promethesus, Ansible
**Database:** Postgres, Redis, MongoDB
**Frontend Development:** Javascript, ReactJS, CSS, HTML

## Interests

**Vulnerability Testing:** Burp Suite, Kali Linux
**Signal exploration:** Software Defined Radios (SDR), 802.11 Wi-Fi, Bluetooth, Ham Radio