Boris Ning
Software Engineer

✈ Herndon, 20171, Virginia, US

✉ borisyning@gmail.com

○ GitHub (https://github.com/fartbagxp)

👤 ABOUT

A backend engineer committed to becoming a full stack engineer involved with cloud computing and various technology stacks

🏢 EXPERIENCE

Software Engineer - DevOp, Neustar

April 2016 — Present ⊙ 2 years

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

---

Software Engineer, The Boeing Company

July 2010 — April 2016 ⊙ 6 years

Researched and developed high performance applications utilizing the latest technologies at the time such as ReactJS and Redux for user interfaces, NodeJS for backend servers and webservices, LokiJS and Cassandra for databases, and Elastic search and Kibana for data analytics.

- 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.

🎓 EDUCATION

Computer Science, Master

2011 — 2014 ⊙ 3 years

Johns Hopkins University

Computer Science and Mathematics, Bachelor

2006 — 2010 ⊙ 4 years

Rensselaer Polytechnic Institute

</> 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

🏆 AWARDS

2014 Team of the Year - Boeing N&SS - E&IS, Boeing

Awarded on: Feb 01, 2015

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

❤ INTERESTS

Vulnerability Testing

Burp Suite Subdomain enumeration Kali Linux

Signal exploration

Software Defined Radios (SDR) 802.11 Wi-Fi Bluetooth Ham Radio