

Boris Ning

Software Engineer

CONTACT

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LOCATION

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 simpler 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:

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

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, Prometheus, Ansible

Database: Postgres, Redis, MongoDB

Frontend Development: Javascript, ReactJS, CSS, HTML

INTERESTS

Vulnerability Testing: Burp Suite, Subdomain enumeration, Kali Linux

Signal exploration: Software Defined Radios (SDR), 802.11 Wi-Fi, Bluetooth, Ham Radio