

# Sean Sica

## Sr. Software Systems Engineer

### About Me

A highly experienced IT professional with 7 years of experience in operations, network engineering, and DevOps as well as 2 years in software engineering, seeking to leverage skills in distributed systems and cloud technology to work on back-end infrastructure at scale. Holds an active Department of Defense (DoD) secret clearance.

### Contact Information

**Location:** Boston, MA

### Skills & Expertise

#### ★★★★ Proficient

**Languages:** TypeScript, Python

**Frameworks:** NestJS, Flask

**Platforms:** Docker, Ansible

**Misc:** GitHub Actions, GitLab CI, Networking fundamentals (TCP/IP, OSPF, EIGRP, MPLS, VXLAN)

#### ★★★ Comfortable

**Languages:** Java

**Frameworks:** Spring Boot, ExpressJS

**Platforms:** AWS (API-GW, Lambda, DDB, EC2), Nginx, Jfrog Artifactory, MongoDB, MySQL, Ansible Tower, ActiveMQ

**Misc:** Protobuf Buffers (gRPC), JMS, Hibernate

#### ★ Familiar

**Frameworks:** React.js, NextJS, Angular

**Misc:** Neural networks/Deep learning fundamentals

### Professional Experience

#### Senior Software Systems Engineer at The MITRE Corporation

Aug 2021—Current

- Building and maintaining open-source web applications that enable ATT&CK© researchers to store, organize, and publish cyber threat intelligence.
- Leading the modernization of a legacy web application with renewed sponsor interest.

#### Senior Network Engineer at The MITRE Corporation

Nov 2018—Aug 2021

- Lead network engineer for the MA-based corporate data center. Reduced technical debt and ticket time to resolution by implementing Cisco ACI and configuration-as-code using ReactJS, Python and Ansible.

#### Network Engineer at Neoscope

Sep 2017—Nov 2018

#### Network Engineer at CMIT Boston / Apogee ITS

Feb 2015—Aug 2015

#### Intern at CMIT Boston / Apogee ITS

Feb 2015—Aug 2015

#### Technician at UNH InterOperability Laboratory (IOL)

Jun 2014—Aug 2015

### Education

#### Bachelor of Science, Computer Science

 **Boston University** Completed 2021

#### Associate of Arts, Engineering

 **Great Bay Community College** Completed 2014

### Certifications

**Ekahau Certified Survey Engineer** Completed 2018

**CCNA Wireless** Completed 2018

**CCNA Routing & Switching** Completed 2017

**Network+** Completed 2015