

## Seun Sodimu

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**GitHub:** <https://github.com/seunsods1>

## EDUCATION

### CUNY - College of Staten Island

Master of Science in Computer Science

Staten Island, NY

January 2022 -May 2024

### San Jose State University (SJSU)

Bachelor of Science in Electrical Engineering

San Jose, CA

August 2016 -December 2018

## SKILLS

- **Programming Languages/Tools:** Python, JavaScript, React, C++, Rest API, Full-stack Development, HTML, CSS, Flask, Ansible, Docker container, MySQL and Google Cloud Platform.
- **Computer Networking Skills:** Ability to configure and work with: Juniper EX4550 / QFX3500 / QFX5200, Cisco catalyst 4500-X / 3750 / 3650, Cisco Nexus 9000 series, Arista 7150s / 7280 SR switches.
- **Other IT Skills:** MS Office, Wireshark, LTSPICE, Fritzing, GitHub, GNS3, Web Scraping, Virtual Box, VMware, and Hyper-V.
- **Soft Skills:** Problem solving, out of the box analytical thinking, written and verbal communication, creativity, and an ability to collaborate on a team and/or work independently.
- **Operating Systems:** Centos 7/8 Linux distro, Ubuntu, Windows 7/8/10.
- **Certification:** CCNA (2016 -2019)
- **Relevant Coursework:** Computer Vision, Data Structures and Algorithm, and Software Systems Design.

## WORK EXPERIENCE

### Numerix LLC

New York, NY

Quality Assurance Intern

September 2022 – May 2023

- Performed Quality Assurance (QA) testing efforts under the guidance and direction of the QA department to help mitigate software products defects.
- Used previous and acquired knowledge of databases (MySQL and Oracle) and terminal interfaces (Linux and Windows), for the completion of OneView, CAS and CAXL testcases.
- Collaborated with Support and Development teams to resolve testing or testing environment issues affecting major product releases.
- Actively participated in daily meetings for the QA department where testing specific issues and their possible resolutions were discussed.

### Network Distributors

San Jose, CA

Network Optical Transceiver Test Engr

February 2020 – January 2022

- Coded optical transceivers and tested them under ideal and abnormal conditions in network switches and routers according to the specs provided by customers to help them meet their IT infrastructure needs.
- Performed qualification of specific optical transceiver form-factors in simulated network setups to ensure that the form-factors work optimally in the data centers of our customers.
- Developed a python application to automate the validation of optical transceivers in optical network switches and routers. The python app was intended to cut down testing time in half. It made use of Python, Centos 7 Linux distro, Ansible, Docker container, Flask, and HTML.

## PROJECTS

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### Daily Growth Application

**April 2023 – June 2023**

- Developed a Full-stack application to optimize the daily life of an end-user by having all self-growth and daily improvement applications in one application.
- Followed software development principles and methodologies (like agile and waterfall).
- Utilized: React (a JavaScript framework), Python, and MySQL (for the database).
- Link: - [https://github.com/seunsods1/Daily\\_Growth\\_App](https://github.com/seunsods1/Daily_Growth_App)

### Network Automation

**Feb 2022 – Jan 2023**

- Developed a python application to automate the validation of optical transceivers in Network switches.
- Utilized: Python, Docker Container, Docker hub, Ansible, Threading, and Flask.
- Link: - [https://github.com/seunsods1/Network\\_Automation](https://github.com/seunsods1/Network_Automation)