

# Ohad Katz

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## CERTIFICATIONS

**AWS CERTIFIED DEVELOPER CERTIFICATION | APRIL 2020**

**COMPTIA SECURITY+ CERTIFICATION | AUGUST 2019**

## SKILLS

<b>PROGRAMMING:</b>	Python, Go, C
<b>CLOUD TECHNOLOGIES:</b>	Amazon Web Services, Microsoft Azure
<b>DEVOPS:</b>	Containerization, Git, CI/CD Pipeline
<b>SECURITY:</b>	Firewalls, Identity and Access Management, Linux and Windows Administration
<b>PERFORMANCE TESTING:</b>	HP LoadRunner, Neotys Neoload

## EDUCATION

**SUNY UNIVERSITY AT BUFFALO | BS COMPUTER SCIENCE**

**Buffalo, NY | August 2015 - May 2019**

GPA: 3.4

## WORK EXPERIENCE

**CENTENE CORPORATION | APPLICATION DEVELOPER (TEST AUTOMATION)**

**Buffalo, NY | September 2019 - Present**

- Develop performance and regression testing suites for key health plan systems in the corporation, while driving newer development methodologies and technologies such as Public Cloud solutions from AWS and DevOps.
- Revamped regression testing code by developing scalable and reusable code in Python that proved to be more efficient and better optimized for a CI/CD workflow. Utilized Jenkins and Docker in order to automate application testing when new updates are made to a code base.
- Drove meetings with various application teams in order to develop more comprehensive performance tests for their products. Developed performance tests in LoadRunner using C, and Splunk was used for metrics, both of which created basis for validating the quality of the application during larger than average user traffic flows.
- Worked to help the company migrate to a new Oracle database by developing and performing load testing in order to compare differences before and after significant updates were made. Developed through LoadRunner in C to test the integrity and reliability of key business services over a variety of applications.

**CENTER FOR COMPUTATIONAL RESEARCH | SOFTWARE ENGINEERING INTERN**

**Buffalo, NY | May 2018 - August 2018**

- Programmed an extension of C based benchmarks to improve testing of High Performance Computers. Fully automated and updated 3 out of 7 Fortran base HPCC benchmark tools using Bash and Python scripts.
- Used these custom developed benchmarks to research and present on how malware patches effected CPU performance, specifically before and after Meltdown and Spectre patches were made to Linux kernels.
- Research paper presented at SC18, an international HPC conference.

**UB NETDEF | TEACHING ASSISTANT**

**Buffalo, NY | January 2018 - May 2019**

- Cyber Security Independent Study that gave me the opportunity to learn real world security practices, and apply them to a mock infrastructure.
- Built a simulated 8 node corporate infrastructure in VMware split into a LAN and DMZ with a central pfSense firewall router controlling them.
- Advanced into a leadership position in which I taught students system security principals, specifically firewalls used in pfSense, Palo Alto, Linux and Windows.
- Helped maintain upwards of 60-100 virtual machines created in vCenter for students to work on projects.