Sophie Saunders

Software Engineer

📞 (802) 236-2705

✉️ saunders.sophie98 @gmail.com

🏠 Boston, MA

in linkedin.com/in/ sophieasaunders

💼 Work experience

VMware Carbon Black

8/2023 - 4/2024 — **Software Engineer II (MTS3)**
- Independently reduced timeouts on the macOS CB Cloud EDR NGAV product by 44% by finding and resolving long-standing networking bugs
- Implemented event muting functionality leveraging new macOS Endpoint Security methods, including inverted muting, enhancing product capabilities

6/2021 - 8/2023 — **Software Engineer I (MTS2)**
- Managed and facilitated a team of 3-6 engineers as Scrum Master for 52 sprints, ensuring timely and efficient project delivery
- Implemented tamper protection measures using 14 macOS Endpoint Security event handlers, bolstering product security against potential threats

8/2020 - 6/2021 — **Associate Software Engineer (MTS1)**
- Spearheaded the development and execution of automated testing in Python for a new System Extension sensor, adapting to evolving macOS networking behaviors
- Monitored deployment telemetry across 450,000+ endpoints, promptly identifying and addressing crashes and alarms to ensure product stability

Collins Aerospace

6/2019 - 8/2019
6/2018 - 8/2018 — **Software Engineering Intern**
- Developed and executed automated test scripts in Python to verify the functionality and reliability of the Boeing 777X proximity system, ensuring adherence to stringent aerospace standards
- Optimized and scaled the Automated Test Platform (ATP) setup to accommodate and execute over 10 times the initial number of test cases, enhancing testing efficiency and coverage

🎓 Education

Tufts University
9/2016 - 5/2020
- BS in Computer Engineering *(BSCPE)*
- GPA: 3.90, Summa Cum Laude, Spanish Minor
- Honor Societies: Tau Beta Pi, Eta Kappa Nu *(Vice President)*

✷ Skills

Programming languages	C, C++, Python, SQL, MATLAB, VHDL, ARM Assembly
Development environments	Xcode, Visual Studio, PyCharm, Vim, IDLE
Tools	Git, macOS Endpoint Security, Wireshark, Agile, Keras (Tensorflow)