

SUMMARY

Engineer proficient in manual and automated testing with software and hardware. Experienced in camera testing. Comfortable in regulated, fast-paced environments and working across multi-functional teams. Knowledgeable in documentation and logistical support.

SKILLS

Languages: BASH, Python

OS: Linux [Linux Mint, RHEL, Ubuntu], Unix [Solaris], QNX, Windows

Applications/Tools: Imatest, JIRA, HQMS, LaTeX, LibreOffice, MS Office

PROFESSIONAL EXPERIENCE

Verily (Akorbi) (South San Francisco) 1/22 – 4/22

QA Engineer

- Executed environmental, functionality, and ESD testing on medical devices
- Implemented IMU verification testing within and without environmental chamber
- Conducted watch-strap characterization to determine material performance profiles
- Performed cross-sectioning and microscope analysis of medical device housings
- Ran functional tests on accelerometers

Northrop Grumman (Sunnyvale, CA) 7/20 – 7/21

QA Analyst

- Edited and maintained published procedures for the quality department
- Conducted monthly meetings to synchronize efforts in documentation maintenance
- Performed audits to find process defects and verify corrective actions using photographic evidence

Google, Inc. (Insight Global) (Mountain View, CA) 7/16 – 7/19

QA Camera Test Engineer

- Collected and analyzed images for IQ & AF in support of IEEE P1858: CPIQ Standard and development of Google Pixel and new Google home-product cameras
- Modified python scripts to improve automated image-capture and analysis
- Conducted psycho-physical study on perceived image quality

Google, Inc. (Tekmark Global Solutions) (Mountain View, CA)

Camera Systems Support Tech II 1/15 – 8/15

- Commissioned and maintained production cleanroom, including supply management and cleanliness to a 10K standard
- Coded Python scripts to support data processing and documentation
- Created and maintained documentation using LaTeX & MS Word

Lockheed Martin Space Systems (Sunnyvale, CA) 5/09 – 5/13

System Integration & Test Engineer, cleared DOD Secret

- Tested and verified Command & Data Handling subsystem for SBIRS GEO-1 & GEO-2 satellites through functional, vibration, and thermal-vacuum testing
- Performed functional, environmental, and acceptance tests on mirror Pointing Control Assemblies [PCA] for SBIRS GEO-3 & GEO-4 satellites
- Set up and tore down test beds for satellite hardware testing

General Dynamics Mission Systems (formerly GDAIS) (Various Locations) 10/04 – 5/08

Technical Support Field Engineer, cleared DOD Secret

- Performed integration and acceptance testing on SSBN-730 and installed SSBN-731 missile launch systems to convert submarines to Trident D5 configuration
- Performed design quality testing for Trident D5-LE

EDUCATION

Alfred University, B.S.E.E. (Alfred, New York)