

## Semiconductor Test Intern

*Part-Time • Bellport, NY*

Last Modified: Apr 7, 2026

### Company Overview

Chipytics streamlines access to mission-critical electronic components through a scalable testing platform and growing network of supply chain partners. Mature nodes power nearly every electrical system, yet dependence on overseas manufacturing and complex distribution channels introduce significant risk to critical supply chains and national security. The Verified by Chipytics program will mitigate these risks by delivering secure sourcing, procurement, and testing for high-reliability electronics.

### Job Description

We're hiring a **Semiconductor Test Intern** for Summer 2026 to assist in the execution of electronic component testing flowing through the Verified by Chipytics program. Reporting to the VP of Operations, you'll help translate requirements into executable test plans, run hands-on evaluation across AS6171 methods, and contribute to our component testing lab infrastructure and workflows. You'll work closely with Product and Engineering to define requirements and deploy Chipytics automation and inspection technology in the field.

### Responsibilities

1. Assist with planning and executing electronic component testing with guidance from the VP of Operations for parts that flow through the Verified by Chipytics program
2. Perform chemical testing and analysis on semiconductor components including decapsulation and remarking out of the offsite wet lab, located in the Long Island High Tech Incubator (LIHTI) at Stony Brook
3. Run additional testing per AS6171 standards including general & detailed external visual inspection, X-ray, XRF, and electrical testing
4. Integrate Chipytics automation and inspection technology including the General External Visual Inspection (GEVI) system into testing and analysis workflows
5. Help setup and run the Chipytics inspection lab, contributing to lab layout and process improvements
6. Develop and execute engineering and quality assurance test plans for Chipytics-developed systems and components
7. Define requirements for test fixtures and more advanced electrical testing to be developed and/or performed by Chipytics engineering team
8. Coordinate outsourced testing for more specialized test cases (e.g. RF antenna testing)
9. Contribute to test plans and reports: convert customer/industry requirements into clear procedures; produce defensible, standards-compliant reports with images, data, and pass/fail rationale.

10. Collaborate with VP of Operations to make authenticity and quality assessments on electronics components
11. Support technical reviews with suppliers and end-customers

### **Requirements**

- Pursuing or recently graduating with a Bachelor's or Master's degree in Electrical, Chemical, Computer, Manufacturing, or related Engineering field
- Experience working in a lab environment, writing test plans, and developing process flows; experience in a wet lab is a plus
- Familiarity handling and testing electronic components and developing electronic circuits and test fixtures
- Ability to define and meticulously follow test requirements for a wide range of microelectronics components
- Well-versed at diagnosing, debugging, and maintaining lab equipment
- Familiarity writing code to perform testing and analysis (e.g. Python, Jupyter Notebook)
- Ability to work independently in a fast-paced startup; bias for action and ownership
- Capacity to work 24 hours per week in-person during Summer 2026 at our Bellport, NY lab and offsite as appropriate at LIHTI, our wet lab located at Stony Brook University.
- Ability to continue part-time during the school year or full-time after graduation is a plus
- Must be a U.S. person (U.S. citizen or lawful permanent resident) due to export control regulations

### **How to Apply**

Send an email to [join@chiplytics.com](mailto:join@chiplytics.com) with your resume and short paragraph about yourself and why you're interested in applying.