

Email: kevindavidtang@gmail.com

Phone: 415-310-6544

LinkedIn: <https://www.linkedin.com/in/kevin-tang-6a09042b/>

# KEVIN TANG

## PRODUCT ENGINEER

*9+ years of professional experience working in product engineering and product management in both a laboratory and office environment, with a strong track record of producing and exceeding business goals, and an ability to work collaboratively and independently.*

---

### KEY

### STRENGTHS

Product Management  
Quality Assurance  
Budget Monitoring  
Client Relations  
Program Management  
Product Engineering  
Process Improvement  
Project Coordination  
Strategic Planning  
Product Lifecycle

### TECHNICAL SKILLS

Linux  
Yieldwerx  
VNC  
SmarTest  
Galaxy  
Filezilla  
MS Office Suite  
Advantest V93000  
Advantest Smart Scale

### EDUCATION

#### San Jose State University

Bachelor of Science in  
Electrical Engineering  
with Minor in  
Mathematics

### PROFESSIONAL EXPERIENCE

#### Quantenna Communications, Inc. / Product Engineer

NOVEMBER 2017 – PRESENT, SAN JOSE, CA

- Successfully manage high volume products (50k units/year) from NPI (New Product Introduction) to production within a 1-year span.
- Manage product design phases from concept, validating, testing, prototyping, pilot run, production, releasing, launching, and sustaining.
- Formulate a plan to reduce cost and increase production output, communicate with internal teams to find optimal test solutions, and implement the best test plan to increase long-term production productivity by 30% and decrease cost by 15% in less than 10 months.
- Estimate and negotiate budgets in collaboration with clients to manage budget reporting.
- Plan the beginning stages of testing new system-on-chip (SoC) devices, work with planning team on bringing new devices to production, and execute new production process from the ground up.

#### ISE Labs, Inc. / Product and Production Engineer

FEBRUARY 2014 - NOVEMBER 2017, FREMONT, CA

- Designed new training methods that taught new employees how to improve the testing of semiconductor units on each tester equipment, effectively leading to a 15% increase in productivity.
- Provided 24/7 on call engineering and technical support for V93000, Pin Scale, and Smart Scale Testers.
- Worked with Advantest to plan installation of new test equipment in production floor, deployed new testing equipment in production floor, and started the new testing system process from beginning phase to mass production runs.
- Wrote user procedure documentations that trained and taught test operators how to effectively test semiconductor units on V93000, Pin Scale, and Smart Scale Testers from start to finish.

#### Intuitive Surgical / Quality Assurance Analyst

AUGUST 2012 – JANUARY 2013, SUNNYVALE, CA

- Built and executed a strategic plan to test surgical devices used in operational rooms, communicated with design teams on different ways to test the product, and implemented test procedures that led to a 20% increase in test efficiency.
- Communicated with management on testing needs, researched multiple testing solutions, and implemented testing solutions on the production floor that lead to a 15% increase in production efficiency.

#### G2 Technology Inc. / Product Development Analyst

JANUARY 2012 – AUGUST 2012, SAN JOSE, CA

- Researched product keywords that get top of search engine results, worked with marketing to provide the best website listing, and implement listing that generated a 15% increase in web traffic.
- Communicated with senior management on electronic components needed for company website, researched best possible price for electronic device components, and designed component listings on company website.

#### Altierre Corp. / Product Development Analyst

MAY 2011 – JANUARY 2012, SAN JOSE, CA

- Designed a strategic plan on testing Altierre's products, communicated with engineering teams on most efficient ways to test, and implemented test strategy on a multitude of products that led to a 10% increase in overall test efficiency.
- Communicated with engineering teams on failed products and RMA units in the field, debugged RMA units in failure analysis lab, and found critical root cause of failures.