

## Contact

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[sw2bae.github.io/portfolio\\_Sang-Woo-Bae/](http://sw2bae.github.io/portfolio_Sang-Woo-Bae/) (Portfolio)

## Top Skills

Software Testing

Web Development

Project Management

# Sang Bae

SW Quality Assurance Engineer at Samsung Electronics America  
Kansas City, Missouri Area

## Summary

### [Experience]

- Samsung Electronics of America (SEA)
  - SW Quality Assurance Engineer
  - Special Project Planner/Analyst

### [Portfolio Website]

[https://sw2bae.github.io/portfolio\\_Sang-Woo-Bae/](https://sw2bae.github.io/portfolio_Sang-Woo-Bae/)

### [Education]

University of Washington, Seattle, WA  
Major: B.A. Mathematics

University of Kansas, Lawrence, KS  
Course: Coding Boot Camp

### [Skills]

- Full Stack Web Developing (HTML, CSS, JavaScript, Python, Web API, jQuery, MySQL, Mongo)
- XCAP/XCAL Data analyzing (HPUE Time On Band Test)
- Fundamental QXDM Log analyzing through QCAT (QAM/MIMO/ORNLC/CA Test)
- Fundamental IMS Log / SIP IMS Call Flow analyzing (VoWiFi/VoLTE Test)
- Data Analyzing through SAP and SMES
- Bilingual - English, Korean

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## Experience

Samsung Electronics America  
5 years 3 months

## Quality Assurance Engineer

July 2016 - Present (4 years 1 month)

Overland Park, Kansas, United States

- Global Best Employee Award - 5G Project (April 2020)
- 5G TF Team member – Creating/Performing 5G HW/SW Performance Test cases (June 2018 - Current)
- Planning Samsung Flagship Models HW/SW Performance Tests (Galaxy S8/S9/S10,S20 Galaxy Note 8/9/10)
- Driving Sprint First VoLTE MR Test (Sep/Oct 2018)
- Performing Sprint TM9 Beam Foaming feature test (May/June 2018)
- Driving the first Samsung Chipset Model Protocol IOT Test Trip (March 2018)
- Participating/Presenting at Automation Tools workshop in HQ, Korea (August 2017)
- Performing Sprint HPUE feature Test / Post processing TOB result through XCAP tool
- Creating/performing test cases for Sprint Massive MIMO/QAM/ULCA features
- Participating SMF joint meeting with Sprint (Q4'16/Q1'17)
- Participating weekly PM Meeting (June 2018 - Current)

## Special Project Planner/Analyst

May 2015 - July 2016 (1 year 3 months)

Coppell, Texas, United States

- Planning weekly rework production requirements in timely manner based on customers' delivery schedules for each carrier (TMO/VZW/ATT/SPR/ACG/USC)
- Managing production plan for Galaxy S7 Phase and User Trial samples for each customers.
- Analyzing BOM list of project models and placing an order through procurement team
- Driving and managing shipping schedules through logistic team for project deliveries
- Developing production line capacities with engineering team
- Calculating task time and unit price to populate planning data base
- Data Analyzing through SAP and SMES

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## Education

University of Washington

Bachelor's degree, Mathematics · (2010 - 2014)