

Joon Lee

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Senior Software QA Engineer | Driving Quality for Global Products Reaching 500M+ Users

Professional Experience

Apple

Cupertino, CA

Senior Software QA Engineer

Aug 2023 - Present

- Directed QA readiness and root submission stability, validating builds and coordinating testing to ensure successful product releases
- Partnered with engineering to triage, categorize, and assign bugs, reducing resolution time by **40%**
- Led end-to-end testing for iAd platform; identified critical defects, boosting ad revenue by **15%**
- Owned QA strategy for a confidential pre-launch product, defining test plans, identifying critical blockers, and ensuring release readiness ahead of the public announcement
- Contributed to **30M+ new users** by managing QA for major feature launches, including Sports, Weather 2.0, Apple News+, Local News, and Sponsorship banners

Software QA Engineer

Jan 2019 - Aug 2023

- Ensured end-to-end software quality for Apple News, Stocks, and Weather apps on iOS, iPadOS, macOS, watchOS, and visionOS, serving **1 billion+ global users**
- Executed front-end and back-end testing; filed **156% more high-quality bugs** than the organization's average for 5 consecutive years
- Developed and executed comprehensive test plans aligned with specification documents, ensuring high-quality product delivery through systematic validation and issue resolution
- Automated test cases in **Swift**, streamlining regression testing and reducing cycle time by **22%**

Meta

New York, NY

Quality Assurance Analyst II

Apr 2018 - Dec 2018

- QA lead for Local Discovery, Recommendations, and Facebook Pages on iOS, Android, and web
- Increased test coverage by **67%** and bug reporting increased by **101%** in 20 weeks
- Coordinated overseas QA teams and off-site managers to align priorities and ensure timely delivery
- Initiated weekly bug bashes across three teams, resulting in **24% more defects found** and reduced duplicate engineering work

HTC America

Bedminster, NJ

Principal Software Quality Engineer

Jul 2017 - Feb 2018

Senior Software Quality Engineer

Jan 2014 - Jul 2017

Software Quality Engineer

May 2011 - Jan 2014

- Led a team of four QA engineers on SW/HW quality testing on **25+ products** launched with Verizon
- Reduced battery retest rate by **66%**, saving **80+ days** of annual testing through improved carrier alignment
- Designed and implemented a remote-controlled Automated Test System (**LUA**), cutting test time by **70%**
- Performed network, RF, and battery testing (FIT, Verizon P1, Days of Usage, 10776, 15595)

LG Electronics MobileComm

Morristown, NJ

Software Verification Engineer

Jan 2008 - Jun 2011

- Developed and executed software test plans to isolate software defects and root causes
- Led team in bug reporting volume, filing **60% more defects** than average

Technical Skills

Languages: Python, R, HTML/CSS, JavaScript, Swift, Bash

Technologies: Git, Jenkins, Agile/Scrum, iOS, macOS, Android

Tools: Charles Proxy, QXDM, QPST, Monsoon Power Monitor, Xcode

Leadership & Community Engagement

Fundraising: Organized events raising \$10K+ for overseas orphanages

Overseas & Domestic Missions: Led several mission trips to serve underserved communities, such as refugee camps and orphanages, with education, counseling, and necessities.

Student President: Korea Campus Crusades for Christ East Coast Chapter with over 2000 members

Education

Georgia Institute of Technology

M.S. in Analytics

Expected Graduation: 2027

New Jersey Institute of Technology

B.S. in Industrial Engineering

May 2007