Downloaded from <https://www.velvetjobs.com/job-descriptions/senior-staff-engineer>

# Example of Senior Staff Engineer Job Description

Our growing company is searching for experienced candidates for the position of senior staff engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for senior staff engineer

* Engage in R&D projects to develop innovative RF solutions that boost RF performance of mobile devices
* Apply novel RF solutions to UE products and provide support to development teams by troubleshooting RF-related issues to bring our products to market successfully
* Interface with internal teams such as Software, Product Planning, Hardware and Testing
* Work collaboratively with external suppliers and customers
* Research and identify next generation algorithms in 3D Computer Vision (CV) & Machine Learning fields for adoption into future Flagship Products
* Go-to-Expert on SW Algorithms applicable for Depth Sensing, 3D Reconstruction, Motion-Tracking systems
* Technology Scouting/Sourcing to identify innovations by building and maintaining long-term relationships with technology incubators, start-ups, and vendors
* Conduct In-depth Evaluations and prototyping of emerging CV solutions for integration into future mobile devices
* Build a multi-year roadmap for Computer Vision Technologies
* Identify technology trends and consumer use-cases influencing the future of the mobile device industry

## Qualifications for senior staff engineer

* Strong problem solving skills and excellent knowledge in Six Sigma DMAIC approach, Lean principles, DOE, SPC, FMEA, GR&R and other quality improvement tools
* 5+ years of experience with Linux, SQL, JS, Groovy, Perl, AngularJS
* Able to apply design/development tools as required (FMEA, 8D Methodology)
* Self-motivated, independent, ability to prioritize and multi-task, strong sense of personal accountability
* Strong C++ programming abilities
* Expertise in graph theory, EDA software, and algorithm development