

Micron engineering candidate guide

Micron is looking for the brightest minds to join our international team of innovators. Match your education and experience to see what jobs might be a fit for you.



Submit your CV

Department	Job title(s)	Education	Degree	Required coursework	Optional coursework	Job location(s)
Process R&D Development	<ul style="list-style-type: none"> R&D Process Development Engineer Processes: Photolithography, Dry Etch, Wet Chemistry, Thin Films, CMP, Meteorology, etc. 	<ul style="list-style-type: none"> MS PhD 	<ul style="list-style-type: none"> Electrical Engineering Chemical Engineering Materials Science Microelectronics Engineering Physics Chemistry 	<ul style="list-style-type: none"> Device or Processing Research Semi Process Lab Statistics Design of Experiment 	<ul style="list-style-type: none"> SPC Computational Fluid Dynamics Thermo-mechanical Modeling Transport Phenomena Ab-initio (DF) Modeling 	<ul style="list-style-type: none"> Boise, ID
Process R&D Integration	<ul style="list-style-type: none"> Process Integration Engineer 	<ul style="list-style-type: none"> BS MS PhD 	<ul style="list-style-type: none"> Electrical Engineering Materials Science Chemical Engineering Physics 	<ul style="list-style-type: none"> Device or Processing Research CMOS 	<ul style="list-style-type: none"> DOE – SPC, JMP Semiconductor Physics Magnetics Device Work Circuit Design 	<ul style="list-style-type: none"> Boise, ID
Mask Technology Center	<ul style="list-style-type: none"> Reticle Manufacturing Engineer Data Science 	<ul style="list-style-type: none"> BS MS 	<ul style="list-style-type: none"> Materials Science Chemical Engineering Mechanical Engineering Physics Chemistry Mathematics/Statistics 		<ul style="list-style-type: none"> Semiconductor Physics C++, SQL, Java, Python 	<ul style="list-style-type: none"> Boise, ID
Process R&D Operations	<ul style="list-style-type: none"> Manufacturing Development Engineer Industrial Engineer 	<ul style="list-style-type: none"> BS 	<ul style="list-style-type: none"> Electrical Engineering Chemical Engineering Materials Science Microelectronics Engineering Physics Chemistry 	<ul style="list-style-type: none"> Semi Process Lab PC Skills Device Knowledge Statistics MAT LAB Semiconductor Materials 	<ul style="list-style-type: none"> Statistics Semiconductor Physics Mechanical Understanding of Tools Programming 	<ul style="list-style-type: none"> Boise, ID
Quality	<ul style="list-style-type: none"> Quality Product Reliability Engineer Quality Data Analyst Engineer Manufacturing Quality Engineer 	<ul style="list-style-type: none"> BS MS 	<ul style="list-style-type: none"> Electrical Engineering Mechanical Engineering Computer Engineering 	<ul style="list-style-type: none"> Semiconductor Physics CMOS Logic VLSI Design Statistics: C++ 	<ul style="list-style-type: none"> Manufacturing Project Management 	<ul style="list-style-type: none"> Boise, ID Longmont, CO
Test and Probe	<ul style="list-style-type: none"> Test Engineer 	<ul style="list-style-type: none"> BS 	<ul style="list-style-type: none"> Electrical Engineering Computer Engineering 	<ul style="list-style-type: none"> Electrical/Electronics Digital Logic Programming (C++ and Unix preferred) 		<ul style="list-style-type: none"> Boise, ID

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SSD Engineering	<ul style="list-style-type: none"> • ASIC Digital Design Engineer • ASIC Verification Engineer 	<ul style="list-style-type: none"> • BS • MS 	<ul style="list-style-type: none"> • Electrical Engineering • Computer Engineering 	<ul style="list-style-type: none"> • Digital Logic Design • VLSI Design • Verilog/VHDL/SystemVerilog • Computer Architecture 	<ul style="list-style-type: none"> • Electrical Engineering • Computer Science 	<ul style="list-style-type: none"> • Boise, ID • San Jose, CA • Longmont, CO
DRAM Engineering	<ul style="list-style-type: none"> • Product Engineer • Design Engineer • Layout Engineer 	<ul style="list-style-type: none"> • BS • MS 	<ul style="list-style-type: none"> • Electrical Engineering • Computer Engineering 	<ul style="list-style-type: none"> • At least one from • CMOS Logic • Digital Logic • VLSI Design 	<ul style="list-style-type: none"> • C++ • C# • Semiconductor Physics 	<ul style="list-style-type: none"> • Boise, ID • Atlanta, GA • Allen, TX
Firmware Development	<ul style="list-style-type: none"> • Firmware Developer • Firmware Architect • Firmware Tester • Firmware Test Architect 	<ul style="list-style-type: none"> • BS • MS • PhD 	<ul style="list-style-type: none"> • Electrical Engineering • Computer Engineering 	<ul style="list-style-type: none"> • Programming projects in C/C++ 	<ul style="list-style-type: none"> • Digital Design • Control Theory • Digital Devices • Real Time Systems • Digital Signal Processing • Computer Architectures 	<ul style="list-style-type: none"> • Boise, ID • Folsom, CA • San Jose, CA • Longmont, CO • Minneapolis, MN
Information Technology	<ul style="list-style-type: none"> • Software Engineer • Business Analyst • System Manager • Database Administrator • Project Manager 	<ul style="list-style-type: none"> • BS • MS 	<ul style="list-style-type: none"> • Computer Science • Management Information Systems • Computer Information Systems • Electrical Engineering • Computer Engineering 	<ul style="list-style-type: none"> • C#/C++ • SQL 	<ul style="list-style-type: none"> • SQL Server – NET • OOP/OOD – Unix, Linux • Windows – Oracle, MS-SQL • SAP – ABAP – SSIS – SSRS • Perl – Jav 	<ul style="list-style-type: none"> • Boise, ID
Micron Technology High Volume Fab	<ul style="list-style-type: none"> • Fab Engineer • Process Integration Engineer • Equipment Engineer 	<ul style="list-style-type: none"> • BS • MS 	<ul style="list-style-type: none"> • Electrical Engineering • Chemical Engineering • Microelectronics Engineering • Mechanical Engineering • Materials Science • Physics • Chemistry 	<ul style="list-style-type: none"> • Process • Statistics • Manufacturing 	<ul style="list-style-type: none"> • Cleanroom 	<ul style="list-style-type: none"> • Manassas, VA • Boise, ID
Nonvolatile Engineering Group	<ul style="list-style-type: none"> • Product Engineer • Design Engineer • Verification Engineer • Firmware Engineer • System Engineer • Characterization Engineer • Yield Engineer 	<ul style="list-style-type: none"> • BS • MS • PhD 	<ul style="list-style-type: none"> • Electrical Engineering • Computer Engineering 	<ul style="list-style-type: none"> • At least one from • CMOS Logic • Digital Logic • VLSI Design 	<ul style="list-style-type: none"> • Programming Language (C++, C#, Java, etc.) • Semiconductor Physics • Analog Circuits 	<ul style="list-style-type: none"> • Boise, ID • Folsom, CA • San Jose, CA • Longmont, CO