

## Roles BME students take in their organizations?

Job Title	Description
Anything in engineering field/title	BME may be rejected based on preferences of hiring managers. Some prefer and screen out BME right away unless they have some mechanical background.

## What technical skills do they look for in BME students?

Job Title	Skill	Expectation Level			
		Freshman	Sophomore	Junior	Senior
Internship	<b>NA</b>	No particular skillset looking for. Look for disciplines line up (engineer applying for engineering position). Mainly looking for fit in culture at the company			

Job Title	Skill	Novice	Intermediate	Advanced	Level you would expect to see this expertise (Fresh, Soph, Junior, Senior):
Development engineers: Entry	3+ design experience			x	
	Medical industry/device experience (Shadowing, in			x	



## Stakeholder: Large Medical Device Company

	clinic)				
	Pro-E preferred			x	
Design Engineer Software	0-5 of related design experience				
	Proficient C or C++				
	RTOS experience				
	Mixed signal design				
	Communication protocol: UART, SPI, I2C				
	Knowledge of MCU architecture				
	C++ on bare metals				
Project Management Associate	Internship/coop with project manager				
Entry Product Development	0-2 product design or medical device industry				

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	PRO-E design package				
Senior Electrical Engineer	Knowledge of CAD				
	Labview				
	Mentorgraphic				
	Simulation Software				
	Matlab and MathCAD				
Staff Engineer	Must have experience in ANSYS				
	PRO-E				
	Experience w Electro-mechanical Device				
	Experience w High-volume single devices				
	Knowledge w 3D software				


**What soft skills do they look for in BME students?**

Soft Skill	Description
Teamwork	Looks for teamwork experience. Also looks to find out what was your specific contributions to the team.

**Notes** (Note any additional points that were discussed, but not covered above):

Other Resume Screening Criteria:

High GPA usually above 3.0

Taken more honor courses (higher level)

Being involved in extracurricular

Different (out of the box) – artistic or athletics interest outside of school

Level of depth (#) – usually looks for numbers and quantifying is good

Need to have experience w Medical Device

Experience w Robotic/mechanical (opposed to the bio side)