

Brian Trapani joined Patti Engineering in February of 2012 and quickly established himself as an essential member of our engineering team. He had been in several other job positions since graduating from college, where he gained immense experience and developed the skills required to excel in project management at Patti Engineering.

“Brian has been a great addition to our team. He has been instrumental in helping us establish an outstanding reputation for our Texas Branch”, commented Sam Hoff, president of Patti Engineering.



Born in Fontana CA and raised in Devine, TX, Brian now calls Leander, TX home – where he lives with his wife Amanda and their three children Ty (5), Emma (3), and Luke (20 months). Brian and Amanda met in a calculus class while attending Texas Tech University. They graduated in December 2004 and married in June of 2005. Brian earned a Bachelor of Science Degree in Engineering Technology, with a specialization in Electrical-Electronics Engineering. He minored in Mathematics and Electrical Engineering.

Leading several projects at Patti in merely a year with the company, Brian has been responsible for designing, ordering/procuring and wiring/building control panels and physical wiring for the Statue of Liberty rescue elevator, a 10,000 pound dry dock elevator for Pearl Harbor, a chimney inspection station at the largest stainless steel plant in the states, and the Oahu Mountain elevator.

He’s currently working on a retrofit for a 9 liter diesel engine assembly line to detect the height of the pistons after they are installed into the block. Brian told us, “This will be my first lead engineer position while being with Patti. I believe I was given this task due to the fact that I have strong hardware/design skills. It involves modifying a station where the worker installs the pistons into the engine block and, if the bearings are not installed on the rod or crank shaft, they have no way of knowing except for the loud noise the pistons make when the crank shaft rotates. So we will be modifying the protective door, then installing some type of device (either laser or ultrasonic) to measure the distance the piston moves, thus knowing if there are bearings installed or not.”



When he’s not hard at work on a Patti Engineering project, Brian enjoys spending time with his family, playing indoor soccer, golf and softball. He is also extremely fond of building cars and trucks. He likes to hunt, collect firearms, build firearms, shoot skeet, work on his property, weld and he even enjoys metal fabrication (loves working on vertical mills & lathes).

Brian is full of life – in the office and in his personal life – he follows college football and never passes up a trip to his favorite city, Las Vegas!