



Earning the Patti Personnel spotlight this month is an outstanding Electrical Engineer, Brian Parkham. Brian has been working for Patti Engineering for just shy of a year now, and his contribution to the team has been spot-on. As the robotics initiative at our company has become increasingly important, Brian is using his robotics experience and skill-set to spearhead our growth in this segment! Beyond his engineering capabilities, Brian fits right into the company culture with his pursuit of adventure and fun – from scuba diving to snowmobiling and downhill skiing!

“Brian is a terrific engineer with great customer interface skills and a keen business sense,” commented Dave Foster, VP Engineering, Patti Engineering. “In addition, his passion and natural aptitude with robotics is helping us really grow in that direction.”

Brian has been instrumental to the success of a number of projects involving robotics, including our Micromatic LLC work at the Honda Anna Engine Plant - which involved new model upgrades to a 14 station/9 robot piston assembly line. He also provided FANUC robot programming support for the ATW Dayton project for Tesla Motors, which was a new line build for gear cases. Brian has special training in FANUC and Stäubli robotics from his time in college at Lake Superior State University (LSSU). He has also completed a FANUC iRVision 3DL vision course, which he took at FANUC. He recently received training on Kawasaki robotics, as well. Overall, he’s well-armed to take on the robotics industry!

Brian is from Hubbard Lake, MI and currently lives in the same town as our headquarters - Auburn Hills, MI. Growing up, Brian learned his diligence and desire to be successful from his mother, Patti (fun coincidence!), and father, Gary. His mother is now retired, and his father runs their family business - Parkham’s Garage – an auto repair shop. He has a younger brother, Scott, who is studying business at Alpena Community College. Looks like he’s taking after his older brother! Brian earned his Associates Degree in Science at Alpena Community College. He then went on to earn his Bachelor’s Degree in Electrical Engineering, with a concentration in Robotics & Automation at LSSU.



During his time at LSSU, Brian assisted with the Lake State’s Robotic Summer Camps, where high school students had the opportunity to learn about the world of robotics, as well as other STEM field activities. He was responsible for developing multiple robotic demonstrations for their robots; one even included a robot that played Hangman and a high-speed Peg Solitaire game with vision! If you haven’t gleaned this yet from our spotlight article, Brian is pretty talented.

When Brian is not leading the office in robotics, he enjoys camping and time at the lake. He and his Father are certified scuba divers, which allows them the ability to dive and explore the

many wrecks at the Thunder Bay National Marine Sanctuary, which is close by to where he grew up. During Michigan's snowy winter months, Brian takes to his snowmobile and skis. Brian attributes his engineering pursuits in life to his sophomore and junior years in High School, when he was a member of the Engineering Club. He and his classmates built and competed with underwater remotely operated vehicles (ROV) through the M.A.T.E program. He even plans to build his own underwater ROV in the near future so he can explore and film some of the many wrecks the Great Lakes have to offer.

“What I like best about working at Patti Engineering is the company mentality of doing the project right the first time. As a Patti Engineering employee, we are never pushed to hurry up and just get it working and move on to the next project,” explained Brian. “Patti Engineering is committed to making the customer successful and providing them with the best solution possible.”

