

# **BIOGRAPHY**



## **Brandon Cooper**

Associate Engineer, Munro & Associates, Inc.

Brandon Cooper attended Saint Mary's College of California earning a Bachelor of Arts in Engineering with a minor in Mathematics. He then transferred to the University of Michigan, as part of a 3+2 engineering program, where he earned a Bachelor of Science in Aerospace Engineering.

Prior to working at Munro & Associates, Brandon held the position of Product Design Engineer at Managed Programs and specialized in after-market air intake systems. As a Product Design Engineer, Brandon assisted in the CAD design and development of after-market air intake systems, injection molding tooling, and all other facets related to design of the systems. At Managed Programs, Brandon also took on a manufacturing engineer's role and utilized 8D problem solving to alleviate manufacturing issues. Brandon was also responsible for all manufacturing documents including PFMEA, DFMEA, Assembly Instructions, and more. He was also utilized in prototype part verification/validation and injection molding trials.

Since beginning work at Munro & Associates, Brandon has been working with a large OEM on standardization plans and vehicle architecture studies such as Pedal Box, Hot End Exhaust, Rear View Mirrors, and Interior Trim. Brandon has completed several targeted studies including one in key fobs which included a benchmarking analysis of competitive key fobs along with RF signal testing. Brandon also utilized his previous knowledge in design and development to assist in developing a business plan and functioning prototype of a vertical axis wind turbine. Currently, he is an integral member of the team tearing down and costing a BMW i3; working on the Engine, Engine Dress, Fuel System, Exhaust System, Exterior Trim, Lamps, Fascias, Gearbox, and more.