

## Curriculum Vitae

### CAMERON CHRISTIAN ORR

Mr. Orr currently works as a mechanical engineer for Alpine Engineering & Design, Inc in Alpine, Utah. He has worked there for over 6 years. During his time at Alpine Engineering he has earned his Professional Engineering license in the state of Utah, license number 8518218-2202. He has also been certified as a lift truck operator trainer. As part of Alpine Engineering's consulting engineering work Mr. Orr has worked on designing aerial lift trucks, garbage can grabber arms for garbage trucks, liftgates, hydraulically operated equipment, and heavy equipment simulator rooms. The design work included calculations, finite element analysis, computer aided design, testing, prototyping, and report writing.

Mr. Orr has also done work at Alpine Engineering involving the testing of liquid natural gas tanks to verify compliance with Society of Automotive Engineers standards. This included managing the safe operation of burning and dropping the tanks.

As part of his work at Alpine Engineering Mr. Orr has assisted the owner and president, Mr. Fred P. Smith, with his work as an expert witness. This work involved reviewing documents and helping to prepare reports for product liability and patent lawsuits where Mr. Smith was retained as the technical expert.

Mr. Orr has worked extensively with a client of Alpine Engineering in the hazardous material tanker trailer industry. He worked with them to verify their compliance to the U.S. Code of Federal Regulations regarding the repair and modification of hazardous material tanker trailers.

Prior to working for Alpine Engineering, Mr. Orr worked for Sentient Corporation, located in Idaho Falls, Idaho, which specializes in analysis, diagnostics, and prognostics on mechanical bearings. He worked as a laboratory technician and engineering intern assisting with the setup and operation of bearing testing processes and laboratory equipment.

Mr. Orr attended college at Brigham Young University-Idaho in Rexburg, Idaho where he earned his B.S. in Mechanical Engineering and graduated in December, 2007. While at BYU-Idaho, Mr. Orr took part in the local chapter of the American Society of Mechanical Engineers serving as the Treasurer. Mr. Orr also worked as a computer lab assistant and teacher's aid, assisting other students in learning engineering concepts and answering their questions about the lesson material. He also qualified for many scholarships, including multiple Mechanical Engineering Department Scholarships.