

Gerald Nick Annis

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Education

Syracuse University – *College of Engineering & Computer Science*
Bachelor of Science, Mechanical Engineering, **May 2016**

Summary of Skills

Technical skills:

Testing Engineering	Machine Design	Design Engineering	Lab Testing
Machining Skills	MATLab	ANSYS	PTC Creo
SolidWorks	AutoCAD	Word& Excel	MathCAD

Mechanical Aptitude: Trouble shooting and repairing equipment such as high performance road or mountain Bikes; Advanced car maintenance; Landscaping and various construction experience. Repairing electronics such as televisions, computers and other equipment.

Advanced Video and Photo editing: Adobe Premiere, Final Cut Pro, Adobe After Effects, Photoshop, and Lightroom

Related Experience

Boa Technology- Denver, CO *Field Test Engineer* **September 2016-Present**

- **Field Test Support:** Review field test product and provide quantifiable results that will support the development and refinement of test procedures and requirements within the test lab. Work closely with the Field Test Supervisor and Testing Manager to create field test reports to be distributed to project stakeholders
- Further develop field test data organization structure in order to improve access to results.
- Refine current procedures and develop new test procedures to improve alignment of field and lab test results. Develops new test fixtures. Supports Testing Manager in the refinement of Boa product standards. Works with field testers when necessary to document specific use cases and user experience
- **Lab Test Support:** Collaborate with Test Engineers and Project Engineers to perform standard strength/performance tests according to existing testing standards and procedures. Develop new testing processes and procedures with oversight from Test Engineers, Project Engineers or Testing Manager. Complete accurate testing results reports. Maintains electronic file organization

Cascade-Maverik Lacrosse – Liverpool, NY *R&D Engineer Intern* **October 2015-May 2016**

- Design of various testing rigs and machines for qualifying upcoming product and improving testing processes within the lab.
- Testing, construction, and modification of prototypes. Assistance with potential solutions and modifications to existing and new products to improve or address potential issues. Creative and open design sessions with all of R&D team along with meetings to invent and conceive new ideas and changes to existing product following regulation and rule changes.
- Lab testing of various prototypes and other samples. Write and create lab protocols for tests and revise and edit previous lab protocols.
- Design and fabrication of parts to work with existing lab equipment to create and run new tests required for new equipment. Various quick modifications to existing equipment to accomplish necessary tests.

Engineering Applications:

- **Senior Design:** The task was to build a vehicle that could collect and sort various spheres of different size and transport and deposit them in a basket in under two minutes. My role was designing drivetrain components, organizing the team tasks, and being a team player and leader to keep the project on task and on time.
- **Mile High iPhone Repair:** A personal startup involving fixing shattered iPhone screens. Fixed around 30 iPhones, and also fixed other internal parts as well. It is a perfect side job on a college campus.

Activities

- **Epic Race:** 1st place in Vail's race around the world and challenge to be the first to ride 26 ski resorts in a season. The resorts are in Tahoe, Colorado, Utah, the Midwest, Switzerland, Austria, and France.
- **Photography:** Published photos in student publications such as The Newshouse and The Daily Orange, along with various other side activities and portraits.

Personal Interests: Outdoors, Running, Track & Field, Road Bikes, Mountain Bikes, Triathlons, Climbing, Adventures, Camping, Backpacking, Skateboards, Longboards, Snowboarding, Cars, Photography, and videography.