



Exponent[®]

Engineering & Scientific Consulting

Christian Page, Ph.D., P.E.

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Professional Profile

Dr. Page has a diverse background in aerospace engineering, mechanical engineering, and materials science and engineering, with a formal expertise in mechanics of materials for structural health monitoring and sensing applications. He excels in using an applied, top-level interdisciplinary approach to engineering problems. He has resourceful knowledge of off-the-shelf solutions, but also the capability to research, design, and build custom prototypes.

Dr. Page's experience includes applied mechatronics, aircraft conceptual design, mechanical design, and rapid prototyping. He has developed several robotics platforms in their entirety, as well as prototypes of materials fabrication machinery. Prior to joining Exponent, he worked as a graduate student in the Smart Structures and Materials lab at North Carolina State University where he researched utilizing carbon nanotube yarns in a multifunctional application. This material can be embedded into a composite structure and offer both real-time strain data as well as structural reinforcement. In addition, he developed a more industrial-scale micro-factory that allows the group to scale up their fabrication process to accommodate future demand of these high-performance carbon nanotube based materials.

Academic Credentials & Professional Honors

Ph.D., Mechanical Engineering, North Carolina State University, 2013

M.S., Aerospace Engineering, North Carolina State University, 2010

B.S., Aerospace Engineering, North Carolina State University, 2008