



Mechanical Engineering  
Academy of Distinguished Alumni

## **Clifton Roozeboom, Ph.D.**

*Outstanding Young Mechanical Engineer, 2016*

BSME, The University of Texas at Austin, 2009

MSME, Stanford University, 2013

Ph.D., ME, Stanford University, 2015

*Founder and CEO*

Myriad Sensors, Inc.

Clifton Roozeboom is the founder and CEO of Myriad Sensors, Inc. a science technology company that makes a family of products, called PocketLab. Clifton received his Ph.D. and Master's degrees from Stanford University and his Bachelor's degree with Highest Honors from The University of Texas at Austin, all in mechanical engineering.

Clifton founded the company Myriad Sensors, Inc. in 2014. His career mission is to develop educational technology for students to explore the world around them and experience the joy of science and engineering. The initial motivation to develop PocketLab came from a Technology Venture Formation course at Stanford University. Myriad Sensors and the PocketLab products have won numerous awards, including the Stanford BASES Social Entrepreneurship Award, Yale School of Management Education Leadership Conference Grand Prize, and the ProtoLabs Cool Idea Award. PocketLab is in the collection of the New York Museum of Modern Art. Clifton has served as the Primary Investigator on grants with the National Science Foundation and the Department of Education to develop new hardware and software technology for science education applications.

Clifton's Ph.D. research focused on micro-scale sensors for wireless sensor network applications. The research goal was to reduce the size, power,

and cost of sensors to enable new applications in smart office buildings, environmental monitoring, and chemical gas sensing. His work received grants from Hewlett-Packard Labs, the NSF Center of Integrated Nanomechanical Systems, and the Chevron Corporation. Clifton earned the Sandia National Labs Excellence in Engineering Fellowship.

While a student at UT Austin, Clifton was actively involved with the Student Engineering Council as a member-at-large, vice president of finance, and president. Through his work, SEC introduced many new programs, including the Entrepreneurship Challenge, E-Waste Drive, and Chili Cook-off. The organization was awarded the Philanthropy Award by the National Association of Engineering Student Councils. Clifton restarted the UT engineering newspaper, *The Vector*, with three engineering friends. Clifton also worked as a student technician at Applied Research Labs in the Sonar Development Division on unmanned underwater vehicle projects.

Clifton has been married to his lovely wife, Nettie, since 2012. They met in a Dynamics Systems and Controls class when Clifton asked Nettie for help with his homework. They love running, skiing, and tailgating at UT and Stanford football games. Clifton and Nettie also enjoy volunteering with the Boys and Girls Club and Street Life Ministries. They live in Mountain View, California.