

Anza L. Mitchell

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Education

**Virginia Polytechnic Institute
and State University**
Blacksburg, Virginia
Master of Arts, Secondary Science
Education
Graduation Date:
May 2018

**Michigan Technological
University**
Houghton, Michigan
Master of Science, Mechanical
Engineering
Graduation Date:
December 2014

Tuskegee University
Tuskegee, Alabama
Bachelor of Science,
Mechanical Engineering
Graduation Date:
May 2012

Teaching Experience

Virginia Polytechnic Institute and State University Blacksburg, Virginia
Blacksburg High School & Blacksburg Middle School

August 2017-May 2018

- Teaching Intern | Physics & Physical Science
 - Introduced students to physics concepts and ideas
 - Engaged students in hands-on physics laboratory activities
 - Worked with students to improve their understanding of physics content.
 - Designed and implemented lesson plans and assessments.
 - Developed and implemented classroom behavior management plan.
 - Worked with teachers to develop lesson plans to address the needs of exceptional learners and create an inclusive learning environment.

College of Engineering Education

August 2015-May 2016

- Instructor of Record | Fundamentals of Engineering I
 - Introduced students to engineering problem solving concepts
 - Engaged students in hands-on engineering projects
 - Worked with students to improve their technical communication skills.
 - Introduced students to Matlab concepts and problem solving
 - Worked with students to develop robot programming techniques

Keweenaw Bay Ojibwa Community College Baraga, Michigan
Keweenaw Bay Ojibwa Community College Youth STEM Academy

April 2015-August 2015

- Teaching Assistant
 - Developed “Mad Hatters” girls camp
 - Encouraged students to create hats using engineering concepts and techniques.
 - Students were encouraged to complete the engineering design challenge, but to also integrate art and fashion into their final product.
 - Led students in STEM related lessons and activities
 - Accompanied students on trips that engaged students in learning.

Michigan Technological University Houghton, Michigan
Center for Diversity and Inclusion

April 2013-May 2015

- NSBE Pre-college Initiative chair
 - Organized and led Michigan Tech students for alternative spring break trip.
 - Developed program, presentation, and lesson plans for NSBE alternative spring break trip to Detroit area schools.
 - Worked with Detroit faculty and staff to organize daily programs and lessons with schools.
 - Traveled to and led STEM workshops at DPS high schools, middle schools, and elementary schools.
 - Assessed program outcomes of increasing STEM interest and motivation of high school students.