



# Kathryn Martin

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## Education

**North Carolina State University**, Raleigh NC, 2014-2019, B.S. in Technology, Engineering, and Design Education (Licensure Concentration)

**North Carolina School of Science and Mathematics**, Durham NC, 2012-2014

## Skills and Coursework

**Programming Experience:** Java, C, Labview, Swift

**Software Experience:** Eclipse, Gamemaker, Adobe Photoshop, Illustrator, InDesign, and Premiere Pro

Proficiency with Microsoft Word, PowerPoint, Excel, and Publisher

**CAD Experience:** Autodesk Inventor, AutoCAD, Revit, SolidWorks, and TinkerCAD

**Fabrication Experience:** Band Saw, Scroll Saw, Table Saw, Chop Saw, Belt Sander, Forge, Oxyacetylene Torch, MIG Welder, Arc Welder, Grinder, Plasma Cutter, 3D printer, Vacuum Former, Fiberglass, Solder, Sheet Metal Bending, Acrylic Bending, Wood Burner, Dremel

## Special Recognitions

**NC State University Education Scholar, 2018**

**Apple Teacher Certification 2018**

**Youth Mental Health First Aid Certification, 2016**

**American Red Cross First Aid Certification and Lifeguard Certification, 2015-2018**

**Epsilon Pi Tau, North Carolina State University Chapter**

**University Scholars Program at North Carolina State University**

## Experience

**STEM Lab Teacher at E.B. Frink Middle School, 2019-2020**

Planned lessons for and taught students in 6th-8th grades concepts related to technology, engineering, coding, additive manufacturing, design, and related careers

**Curriculum Development for Chester Arthur School, 2018**

Developed curriculum to be implemented at Chester Arthur school in the 7th grade, worked with three college students and a professor at the College of New Jersey to develop a full unit comprised of interdisciplinary lessons with the ultimate goal of students designing vertical farming systems

**Inter Residence Council at NCSU Vice President of Media and Marketing, 2018**

Member of the IRC executive board, responsible for all graphics, marketing, and social media related to IRC; leader of committee for the Pawprint magazine distributed to over 9,000 residents on NC State's campus; assisted with planning and running events for IRC

**Counselor at North Carolina School of Science and Mathematics Summer Accelerator, 2017**

Camp counselor for summer residential camp, ran activities for youth aged 10-18, assisted with clerical work including making schedules and organizing supplies, lived on hall with 25-30 youth

**Research Assistant at the Friday Institute for Educational Innovation, 2016-2017**

Coded responses to surveys and interviews, created and organized surveys, studied previously done research

**Community Assistant at NC State University Housing, 2015-2018**

Worked at Sullivan service desk assisting residents and with resident information, provided excellent customer service

**Counselor at Chestnut Ridge Camp and Retreat Center, Efland, NC, 2014-2019**

Camp counselor for summer day and residential camp, participated in presentations for families, worked retreat groups and birthday parties for all ages, worked after school program for ages 5-14