

# RESUME

## Alan Yeh

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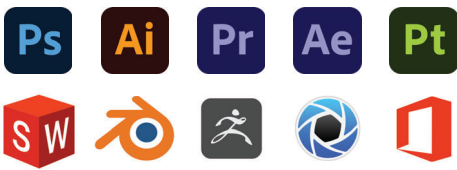
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## EDUCATION

 **Georgia Institute of Technology**  
Bachelor of Science, Biomedical Engineering 15 - 19

 **North Carolina State University**  
Masters of Design, Industrial Design 20 - present

## SKILLS



**Manufacturing & Prototyping:**  
3D Printing, Laser Cutting, Spraypainting,  
Woodworking, Metalworking, Welding,  
Sewing, Basic Electronics, Prop Making

## ABOUT ME

A creative and an out-of-the box thinker who's always picking up unique skills from anywhere and everywhere. Born in Ann Arbor, MI - moved to Cary, NC before High School - studied Biomedical Engineering at Georgia Tech - and now back in Raleigh for a Masters in Industrial Design. Currently looking to diversify my skill set by learning from all the people around me to figure out a career path that allows me to work on awesome things and make cool stuff.

You'll usually find me sketching at my desk, covered in sawdust and metal shavings in the shop, or covered in spray paint while painting murals at the Freedom of Expression Tunnel on NC State Campus

## WORK EXPERIENCE



### Shop/Facilities Teaching Assistant

North Carolina State University Aug 2020 - Present

Instructed students on proper use of machining and woodworking equipment in the NCSU Design Shop, as well as assisting in the shop's maintenance and upkeep. Also assisted the NCSU Facilities team with work orders and events around the NCSU College of Design.



### Postbaccalaureate Researcher

National Institute of Environmental Health Sciences,  
In Vivo Neurobiology Lab July 2019 - Jun 2020

Created an instructional video on building a spectrometer-based fiber photometry system, including how to set-up and calibrate laser systems. Assembled and troubleshot test animal training boxes and computer systems, including software and hardware installation.



### Machine Shop Hand

Georgia Institute of Technology Jan 2019 - May 2019

Instructed students on proper use of machining and woodworking equipment in the Georgia Tech Biomedical Engineering Machine Shop, as well as assisting in the shop's maintenance and upkeep. Instructed students on the proper use and maintenance of 3D printing equipment.



### Teaching Assistant

Georgia Institute of Technology Jan 2019 - May 2019

Graded student SOLIDWORKS assignments and provided feedback based on the dimensional accuracy and proper building practices for engineering SOLIDWORKS parts. Ran office hours to assist students with assignments and to answer questions.



### Research Assistant

Georgia Institute of Technology Jun 2018 - May 2019

Adapted and improved upon existing MATLAB code to develop a program to analyze mouse pupillometry video data, which was used for neuroscience research within the Haider Lab in the Georgia Tech Biomedical Engineering department.



### Research Assistant

Duke University May 2017 - Sep 2017

Created MATLAB code for analyzing and troubleshooting electrical impedance data from electrode implants for neuroscience research. Investigated and recommended improvements to protocols involving the electrodes, as well as electroplating existing electrodes.