

# Tony Zhu

10324 Ember Glen Dr, Austin, Texas 78726 | 512-925-6961 | tonyzhu3141@gmail.com  
snickerton.github.io | linkedin.com/in/tonyzhu3141 | github.com/snickerton

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## Summary

**Produces elegant yet efficient code** with 5+ years of experience in programming.

**Known as a proactive worker** and team player with clear-cut, comprehensive communication.

**Always passionate and enthusiastic** about problem solving and working with technology.

## Work Experience

**Intern, Cycorp AI | June 2016 - August 2016**

Debugged and tested software products in a Scrum/Agile workflow environment.

Programmed high level software in C# and CycL for company projects and products.

**Software Developer, A&M University VR Research | December 2017 - present**

Hired onto graduate research project to develop virtual reality software in Unity: a VR application that displays stress points, fractures, and simulations of 3D objects from the software Abaqus.

**Deep Learning Research | Nov. 2017 - present**

Weekly topics and challenges on neural networks (Keras/Tensorflow in Python) assigned and supervised by Dr. Anxiao Jiang. Recent challenges involve a MNIST recognizer and a chatbot (NLP processing) by neural networks.

## Skills

### Languages

5 years of experience in **Java**

Proficient in **HTML/CSS** and **Javascript**

Self-taught knowledge in **C#, Python**, and **C++**

### Tools

Unity 5, Agile/Scrum Methodology, Github, Linux, Matlab.

### Miscellaneous

Ideation Process, Rapid Prototyping, Public Speaking, Video Editing, Ultimate Frisbee, Comedy.

## Education

**Texas A&M University**, College Station, TX

BS in Computer Science | University Honors

Class of 2021

**Phillips Exeter Academy**, Exeter, NH

David T. Swift Proctor Award

Class of 2017

## Activities

**Aggie Coding Club [Project: Tensorflow Snake] | Sept. 2017 - present**

Active Member - Work in groups of 4-5 on an extensive long-term coding project. Current project involves training a neural network to beat the game Snake. In addition, attend lectures weekly provided by external companies/professionals regarding all things Code (e.g. Git, Docker, Types of Machine Learning). 3 hrs/wk

**Texas A&M Coding Society | Sept. 2017 - present**

Active Member - Attend socials, networking events, lectures by industry professionals or professors, and presentations of local projects. 1 hrs/wk

**Aggie Artificial Intelligence Society | Sept. 2017 - present**

Active Member - Attend demonstrations/workshops provided by external parties regarding AI and Machine Learning related topics. 1.5 hrs/wk