Henry Quach

hquach.cs@gmail.com | 615-964-2339 | Nashville, TN | www.hquachcs.com

EDUCATION

UNIVERSITY OF TENNESSEE
BS in Computer Science
Dec 2019 | Knoxville, TN
Tickle College of Engineering
Cum Laude
GPA: 3.5 / 4.0

SKILLS

Technical Skills

Python	Machine Learning
Java	React.js
HTML5/CSS	Javascript
Data Handling	C/C++

Soft Skills

Problem-Solving	Leadership
Self-Motivated	Adaptability

LINKS

Github:// **hquach-cs**
LinkedIn:// **henry q.**
Website:// **hquachcs.com**

PROFILE

I am a passionate, self-driven programmer that recently graduated, that has the motivation to work on many different projects, including: a portfolio website, a calendar mobile app, and different machine learning software projects.

PROJECTS

*All projects/other projects source can be found on my github: hquach-cs

PORTFOLIO WEBSITE | Link | Source
React.js | Web Development/Design | HTML5/CSS
- Designed a website to showcase my open source projects and interests.
- Developed with React.js.

ANDROID CALENDAR APP | Source (WIP)
JAVA | Android Development | App Development
- Developed an extended calendar app for daily use.
- Showcase creation of a calendar and event timeline functionality.

CONWAY'S GAME OF LIFE | Link | Source
Machine Learning | Cellular Automaton | Javascript
- Developed a visualization of 'Game of Life'.
- Integrated option parameter for specific use cases.

MNIST | Source
Machine Learning | Python
- Developed a hand written letter detection using machine learning.
- Integrated my own version of neural network w/ Backpropagation.

FACE RECOGNITION | Source
Machine Learning | Data Handling | Python
- Integrated three different algorithms to recognize faces.
- Developed a video detection and picture detection for each algorithm.

NEURAL NETWORK | Source
Machine Learning | Neural Network | Python
- Showcased three examples: Linear Regression, XOR, and 3x3 Shape Detection.
- Intended to help programmers learn about neural network/machine learning.