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

Java	React.js
HTML5/CSS	Javascript
Python	C/C++
OOP	MySQL/SQL

Soft Skills

Problem-Solving	Leadership
Self-Motivated	Adaptability

LINKS

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

PROFILE

I am a passionate, self-driven programmer that recently graduated,and that has the motivation to work on many different projects to build my credibility, including: a portfolio website, a calendar mobile app, and different machine learning 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
Javascript | Machine Learning | Cellular Automaton
- Developed a visualization of 'Game of Life'.
- Integrated option parameter for specific use cases.

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

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

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