Henry Quach

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

PROFILE

I'm 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.

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**

EDUCATION

UNIVERSITY OF TENNESSEE

BS in Computer Science
Dec 2019 | Knoxville, TN
Cum Laude
GPA: 3.5 / 4.0

Projects

1. Developed a website that keep track of graduate student's class, forms, and meetings.
2. Created a front-end compiler that reads C's language calculator and print out correct mathematics answer.
3. Various Machine Learning projects that includes neural network/algorithms, data analyst, and data visualization.

EXPERIENCE

*All software are open source and can be found on my github: hquach-cs

PORTFOLIO WEBSITE (JAN 2020 - FEB 2020) | Link | Source

React.js | Web Development/Design | HTML5/CSS

- Designed a website to showcase my open source projects and interests.
- Developed a background that showcase coding like visual through CSS and Javascript.

ANDROID CALENDAR APP (FEB 2020 - MARCH 2020) | Source

JAVA | Mobile Development

- Developed an extended calendar app for daily use.
- Showcase creation of a calendar and event timeline functionality.

CONWAY'S GAME OF LIFE (2019) | Link | Source

Javascript | Machine Learning | Cellular Automaton

- Developed a visualization of 'Game of Life'.
- Integrated option parameter for specific use cases.

MNIST (2019) | Source

Python | Machine Learning

- Developed a hand written letter detection using machine learning.
- Integrated my own version of neural network w/ Backpropagation.

FACE RECOGNITION (2019) | 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 (2019) | 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.