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SKILLS

Proficient In:

Java HTML5 CSS3 Bootstrap 4

Python JavaScript React.js

Competent With:

JavaFX SQL/MySQL Node.js

Express.js C++ Git

Some Knowledge Of:

Firebase Android Studio jQuery

MongoDB Ubuntu Vue.js

RELEVANT COURSES

Introduction to Program Design
Introduction to Computing
Data Structures & Algorithms
Programming Languages
Design & Analysis of Algorithms
Programming Studio
Introduction to Computer Systems

HONORS AND AWARDS

🏆 USA Computing Olympiad Gold
Division (2017)

🏆 Lockheed Martin CodeQuest Novice
Division Second Place (2016)

🏆 National Merit Scholarship Finalist
(2018)

🏆 Presidents Endowed Scholar (current)

🏆 Aggieland Bound Scholar (current)

for

AOLIN (ALLEN) YANG

EDUCATION

Texas A&M University, College Station, Texas

May 2022

B.S. in Computer Science, GPA: 3.88

Computer Science Track Honors | University Honors | Corps of Cadets

PROJECTS / EXPERIENCES

Software Engineering Internship

January 2020 – August 2020

Synchrogrid, LLC

College Station, TX

- Developed software for clients written in React
- Collaborated with coworkers and project managers to deliver product

Machine Learning Research

January 2020 – April 2020

University Research

College Station, TX

- Researched time-series forecasting on swimmers using Keras and LSTMs
- Authored portions of final research paper with help from mentor

Four Hackathons

2019 – 2020

- Collaborated with multiple teammates to develop software in a short timeframe
- Innovated on and discovered methods to solve existing problems with software

Travel Planner

July 2019 – August 2019

Personal Project

Sugar Land, TX

- Engineered a web application that lets users manage travel plans in detail
- Integrated modern web libraries/frameworks such as Express.js and React.js to assure the application's quality with up-to-date technologies

Reversi: Oblique

June 2019 – July 2019

Personal Project

Sugar Land, TX

- Developed application made with JavaFX that lets users play modified Reversi
- Designed game to allow playing against an algorithm and online matching

LEADERSHIP

Cadet Corporal (Sophomore)

August 2018 – Present

Corps of Cadets, Texas A&M University

College Station, TX

The Corps of Cadets develops well-educated leaders of character who are prepared

the global leadership challenges of the future.

- Earned Corps Brass by proving excellence as a freshman cadet
- Received recognition along with teammates for achieving Corps standards
- Training freshmen to be excellent cadets, students, and citizens according to the Standard and counseling them on a regular basis

Aggie Toastmasters – VP of Membership

January 2019 – Present

Toastmasters International – Texas A&M University

College Station, TX

- Developed essential public speaking and communication skills as a member by giving speeches in front of an audience and leading sessions