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in linkedin.com/in/aolin-yang
github.com/aolinyang
devpost.com/aolinyang

SKILLS

Proficient In:

`Java` `HTML` `CSS` `React.js`
`Python` `JavaScript` `Node.js`

Competent With:

`JavaFX` `SQL/MySQL` `PHP`
`Express.js` `C++` `Git` `Azure`

Some Knowledge Of:

`Firebase` `Android Studio` `Linux`
`MongoDB` `Docker` `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
Linear Algebra
Introduction to Statistics

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)

AOLIN (ALLEN) YANG

EDUCATION

Texas A&M University, College Station, Texas   May 2022
Bachelor of Science 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 crucial features for product software written in **React** over **14** sprints and **50** stories in accordance with the **Agile** process
- Collaborated closely with another intern to develop required features

Machine Learning Research   January 2020 – April 2020
University Research   College Station, TX
- Researched feasibility of time-series forecasting and anomaly detection on approximately **20** swimmers using **Keras** and **LSTM**
- Coauthored final research paper with help from mentor

Four Hackathons   2019 – 2020
- Collaborated with multiple teammates to develop software in **24** hours
- 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**

Reversi: Oblique   June 2019 – July 2019
Personal Project   Sugar Land, TX
- Developed a **JavaFX** application with **1000+** lines of code that lets users play modified Reversi against an AI or against each other through LAN

LEADERSHIP

Cadet Sergeant (Junior)   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 for the global leadership challenges of the future.
- Earned official Corps membership by proving excellence as a freshman cadet
- Trained **20** freshmen as a sophomore to be excellent cadets, students, and citizens according to the Corps Standard and counseling them on a regular basis
- Guided unit of **60** people as a junior to help them succeed in their career paths

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 hosting multiple meetings