TIMOTHY GOH

512-284-1135 | tmg5@rice.edu | 10705 Bay Laurel Tr, Austin, TX 78750

EDUCATION

Rice University
Bachelor of Arts in Computer Science   August 2018 - May 2022

Austin Community College   August 2015 - May 2018
Cumulative GPA: 4.0/4.0
SAT: 1510 | ACT: 33

Relevant coursework: Object-Oriented Programming, Data Structures, Computational Thinking, Engineering Design and Communication, Multivariate Calculus, Linear Algebra, Discrete Math

PROJECTS

CODERED | Houston, TX   Sept 2018
VR Developer
- Developed a VR simulator called "oVRn" to train users on the proper use of kitchen appliances
- Won third place at CodeRED and worked with C#, Unity, and Oculus Rift in a 3-person team

HACKRICE | Houston, TX   Sept 2018
Front-End Developer
- Developed a web application that utilizes layered heat maps to analyze and display Schlumberger oil pump sensor data
- Won second place in the Schlumberger track and worked with HTML5, CSS3, python, plot.ly, GitHub, and command line/bash in a 4-person team

SGENERATOR | Austin, TX   Feb 2017 - Aug 2018
Head Developer
- Created a training program that generates scramble states for Rubik's cubes designed to improve training efficiency
- The program was quoted as "the single most important resource in 3x3 blindfolded solving" by the former world record holder

WORK EXPERIENCE

TRAVIS COUNTY ATTORNEY | Austin, TX   Aug 2016 - Aug 2017
IT Assistant
- Wrote computer programs and installed computer systems
- Queried relational databases with SQL and converted old FoxPro applications to C++

CATHEDRAL SCHOOL OF ST. MARY'S | Austin, TX   Aug 2017 - Dec 2017
Cubing Club Head Coach
- Coached a group of 30 middle school children on how to solve a Rubik's cube
- Created a personalized 8-week curriculum designed to slowly introduce new concepts each week
- Achieved an outcome of 95% of the class solving the cube by the end of the semester

TECHNICAL SKILLS

Languages: C++, Java, Python, HTML5, CSS3, SQL, Swift

ACTIVITIES

COMPETITIVE RUBIK'S CUBE SOLVING   Dec 2015 - Present
- World record holder for solving a Rubik's cube blindfolded with feet (2 minutes and 43 seconds)
- 3rd place at CubingUSA Nationals 2018 in 5x5 blindfolded (Ranked 9th in the world)
- Started a YouTube channel to teach advanced techniques for solving Rubik's cubes blindfolded (33,000+ video views)

HONORS AND AWARDS

- **Third place at CodeRED 2018 hackathon**   Fall 2018
- **Second place in HackRice 2018 Schlumberger track**   Fall 2018
- **USA Computing Olympiad Silver Level**   Spring 2018
- **National Merit Finalist**   Spring 2018