

DAVID SHIU

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EDUCATION

The University of Texas at Austin	Bachelor of Science, Computer Science Relevant Coursework: Introduction to Programming (in progress), Foundations of Logical Thought (in progress), Data Structures (Spring 2016), Discrete Math (Spring 2016)	May 2020
Lamar High School	GPA: 4.0 of 4.0 Rank: 8 of 591 Relevant Coursework: Advanced Placement Computer Science	June 2016

SKILLS

Computer Skills: Proficient in Java, Microsoft Office, and Windows operating system; Exposure to Python, Swift, JavaScript

ACADEMIC PROJECTS

Math Problems - Fibonacci Sequence, Palindromes, Prime numbers, Triangular numbers (Project Euler) Summer 2016

Cipher

Fall 2016

- Created a columnar transposition cipher using String methods to encrypt or decrypt messages
- Created a substitution cipher using frequency analysis and arrays to decrypt messages

Gospel Runner (Still in Progress) – Indigitous #Hack 2016

Fall 2016

- Using the source code from Google Chrome's "No Internet Connection" game, we replaced the sprites with our own

EXPERIENCE

UNT Health Science Center; Fort Worth, TX

Jun 2015 – Aug 2015

- Conducted research concerning a new nano-particle HIV drug
- Tested the drug on rats to compare to the commercial drug

NCR Corporation; Fort Worth, TX

Sep 2015 – May 2016

- Network and Security Services: updated firewall policies at remote ALOHA sites and configured firewalls
- Support: shadowed tech support and learned about NCR's ticketing system
- Point-Of-Sales System, ALOHA:
 - Created new color skin for ALOHA layout using ALOHA tools
 - Created user guide on how to execute certain commands using ALOHA

Dallas Panic Room; Irving, TX

Jun 2016 – Aug 2016

- Monitored escape room

LEADERSHIP EXPERIENCE AND ACTIVITIES

Mobile App Development – Active Member

Fall 2016 – Present

- Learned to develop iOS apps

Asian American Campus Ministry – Active Member

Fall 2016 – Present

Rock Paper Scissors Club – Vice President and Co-founder

Fall 2014-Spring 2016

- Hosted tournaments

UIL Academics Competition – Team Member

Fall 2014 – Spring 2016

- UIL Computer Applications: Executed tasks using Microsoft Word, Excel, and Access
- Advanced to the regional level

HONORS

National Honor Society – Vice President (2015-2016)

Spring 2014 – Spring 2016

- Volunteered in the school and through the community

Mu Alpha Theta (Math National Honor Society)

Fall 2015 – Spring 2016

Spanish National Honor Society – Secretary (2015-2016)

Fall 2015 – Spring 2016

- Explored Hispanic culture

ADDITIONAL INFORMATION

Certifications: IC3 Digital Literacy Certification, Customer Service and Sales Certification

Interests: Soccer, Guitar, Art, Volunteer work, Ping Pong, Piano, Volleyball