

DAVID SHIU

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EDUCATION

The University of Texas at Austin	GPA: 3.9 of 4.0 Bachelor of Science, Computer Science Relevant Coursework: Introduction to Programming (A), Foundations of Logical Thought (A), Data Structures (Spring 2016), Discrete Math (Spring 2016)	May 2020
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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

Games Fall 2016

- Made simple versions of Rock, Paper, Scissors; Hangman; and Connect 4

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