**SARAH TSE**

<https://www.linkedin.com/in/sarahhtse>

https://sht160130.github.io/portfolio

**EDUCATION**

**The University of Texas at Dallas GPA 3.73**

*M.S., Information Technology Management, Fast Track Cybersecurity* May 2021

*B.S., Information Technology Systems, Business Analytics* May 2020

**Davidson Management Honors Program**, Academic Excellence Scholarship

**Aalto University School of Business**, Finland, Study Abroad Spring 2019

**CERTIFICATIONS AND TECHNICAL SKILLS**  
Programming: Java, Python, R, HTML, CSS, SQL  
Software: Wireshark, Linux Command Line, MS SQL Server Management Studio, Visual Studios

**BUSINESS EXPERIENCE**

**Texas Capital Bank – Richardson** June 2019 – December 2019

*Information Security Intern*

* Educated employees on the importance of adhering to secure practices through articles, phishing campaigns, tabletop exercises and antivirus distribution
* Examined new audit process for web gateway policies and completed quarterly audits for the intrusion prevention system and central security management platform
* Streamlined password compliance exception renewal by automating communication and reporting methods through ServiceNow

*IT/Cybersecurity Intern*

* Collaborated with a group of interns to centralize metric data and develop a dashboard that reports availability metrics for tier one client facing applications
* Utilized Project Management framework and Waterfall method to track progress and deliver desired end product to executive management and business stakeholders

**Toyota Motor North America – Plano** May 2018 – August 2018

*Lexus Guest Experience Center Representative*

* Troubleshot in-vehicle technology issues by asking the customer probing questions and referring to corporate resources to lead the customer to a resolution
* Coordinated with upper management to approve goodwill offers and ensure customer satisfaction without compromising corporate finances

**ACADEMIC PROJECTS**

Basic Principles in Networking January 2019 – April 2019

* Designed and executed a control experiment to map and understand the infrastructure of YouTube’s content delivery network using Wireshark
* Programmed Arduino boards to learn the mechanics of cryptography, hashing and authentication

**LEADERSHIP EXPERIENCE AND ORGANIZATIONS**

**JSOM Exchange Buddy Program** August 2018 – Present

**UT Dallas Information Technology Systems Student Leadership Council** December 2016 – December 2018

**VOLUNTEER EXPERIENCE**

**ITS Academy** –*Summer Academy, S.T.E.M Symposium, Hack I.T.* June 2017 – Present

**ADDITIONAL INFORMATION**

*Eligibility:* (USPR) Eligible to work in the U.S. with no restrictions