DANIEL LE

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Education

University of Texas - Dallas   **Sep. 2019 – Dec. 2021**
Bachelor of Science in Computer Science, GPA: 3.67   *Richardson, Texas*

Relevant Coursework

- Data Structures
- Advanced Algorithm
- Database Systems
- Machine Learning
- Operating Systems
- Computer Architecture

Technical Skills

Languages: Java, Python, C++, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Eclipse, Jetbrains
Frameworks/Technologies: React, Flask, Django, Linux, Git

Projects

Secret Santa Web-app | *Python, Flask, JavaScript, HTML/CSS, PostgreSQL*   **December 2020**
- Implemented Flask framework to create a website where you can trade and exchange gifts during holidays
- Utilize SQL to process,query data input for forms and the shuffle
- Implemented functionalities for login, register, reset password, send email for users

CPU Simulator | *Java*   **March 2021**
- Created a CPU simulator for a simple architecture that can fetch and execute instructions from memory
- Implemented basic command instructions for CPU to process from an input data
- Utilized pipeline programming function to pass data between memory and CPU.

URL Shorterner | *Python, HTML/CSS, PostgreSQL*   **October 2020**
- Designed a database driven website to reroute and shorten addresses.
- Used SQL to store and manipulate data

Number Predictor | *Pygame, TensorFlow*   **October 2020**
- Created a GUI using Pygame to create an interactive interface.
- Successfully implemented Neural Network using Tensorflow to regconize drawing pixel and predict number outcome based error optimization and linear progression/gradient descent

Experience

Tarrant County College - IT Lab   **Jan. 2016 – Oct. 2017**
Student Assistant   *Arlington, Texas*
- Assisting students with homework and help with assignments
- Troubleshooting technical issues with computers and printers.

Leadership / Extracurricular

Phi Theta Kappa   **Aug. 2019 – Present**
Current Member   *UT-Dallas*