


# DANIEL LE

9140 Southfield Ln, Arlington, Texas 76002

 <https://daniel-le.com>

 682-560-7329 .  [sonhailenguyen@gmail.com](mailto:sonhailenguyen@gmail.com)  [linkedin.com/in/daniel-le18/](https://www.linkedin.com/in/daniel-le18/)  [github.com/daniel-le18](https://github.com/daniel-le18)

## Education

University of Texas - Dallas

Sep. 2019 – Dec. 2021

Bachelor of Science in Computer Science, GPA: 3.67

Richardson, Texas

## Relevant Coursework

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

## Experience

Tyler Technologies

May. 2021 – Aug. 2021

Website Intern

Plano, Texas

- Develop and maintain content for company's website including client facing site, employee intranet, and special events
- Design and develop website to promote and reinforce company's vision, core strengths and values
- Provide recommendations relating to improvements to the organization and/or content of existing sites
- Monitors site traffic and reviews analytic data to provide regular performance reports and performance improvements suggestions

## Technical Skills

Languages: Java, Python, C++, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Eclipse, JetBrains

Frameworks/Technologies: React, Flask, SwiftUI, Linux, Git, AWS

## 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 Shortener | 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 recognize drawing pixel and predict number outcome based error optimization and linear progression/gradient descent

## Leadership / Extracurricular

Phi Theta Kappa

Aug. 2019 – Present

Current Member

UT-Dallas