


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

Technical Skills

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

Developer Tools: VS Code, Eclipse, JetBrains

Frameworks/Technologies: Flask, Django, React 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 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 on 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