


# DANIEL LE

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## EDUCATION

### University of Texas - Dallas

*Master of Science in Computer Science*

**Aug. 2021 – Aug. 2023**

*Richardson, Texas*

### University of Texas - Dallas

*Bachelor of Science in Computer Science, GPA: 3.67*

**Aug. 2019 – Dec. 2021**

*Richardson, Texas*

## EXPERIENCE

### Tyler Technologies

**May. 2021 – Aug. 2021**

*Website Intern*

*Plano, Texas*

- Develop and maintain company's website including client facing site, employee intranet, and special events
- Create an application to automate user import into website database
- Modifying website modules to meet requirements of content
- Monitors site traffic and reviews analytic data to provide regular performance reports and performance improvements suggestions

## TECHNICAL SKILLS

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

**Developer Tools:** VS Code, Xcode, Eclipse, JetBrains

**Frameworks/Technologies:** Flask, React, SwiftUI, Unix, Git

## PROJECTS

### Secret Santa Web-app | *Python, Flask, JavaScript, HTML/CSS, PostgreSQL*

**Dec. 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*

**Mar. 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*

**Oct. 2020**

- Designed a database driven website to reroute and shorten addresses.
- Used SQL to store and manipulate data

### Number Predictor | *Pygame, TensorFlow*

**Oct. 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

## INVOLVEMENT / EXTRACURRICULAR

### Phi Theta Kappa

**Aug. 2019 – Present**

*Current Member*

*UT-Dallas*