

# Duy H. Le

Houston, TX

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## Education

**Texas A&M University**

*Dwight Look College of Engineering, B.S. Computer Science*

**College Station, Texas**

2016 – 2019

**Minor:** Mathematics, Cybersecurity

**GPA:** 3.66

**Expected Graduation:** December 2019

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## Core Technical Skills

**Languages:** C++ \* Java \* C# \* Python 3 \* HTML \* CSS \* JavaScript \* TypeScript \* SQL

**Tools/Technologies:** Angular/AngularJS \* SQL Server \* Microsoft Azure \* ASP.NET \* .NET CORE

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## Experience

**Ethos Group**

*Software Developer Intern*

**Irving, TX**

June 2018 – Present

- Developed Full Stack web pages using Microsoft Entity Framework and .NET Core
- Used Syncfusion and Telerik libraries to automate car dealership report information
- Integrated Microsoft Azure Video Indexer to efficiently train sales representatives
- Worked with SCRUM and Agile workflow
- Utilized RESTful API ideology

## Research

**Multi-Robotics Lab (Dr. Dylan Shell)**

*Research Assistant*

**College Station, TX**

August 2017 - June 2018

- Compared two BlackJack game policies with the goal on finding an optimal play
- Used importance sampling to reduce the sample probability field space down from 52!
- Explored how Bayesian inferencing can help make an informed posterior of skill

## Leadership

**Philippine Student Association**

*President*

**College Station, TX**

August 2018 - Present

- Managed a team of 14 officers to coordinate social, philanthropic, sports, and dance events
  - Worked with presidents from all major Texas colleges to organize Goodphil
  - Gained valuable public speaking experience from hosting a state-wide talent show
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## Projects

- **Java**
  - Dungeon Crawler-like game with spritesheet parsing, sound integration, custom fonts
  - Custom Database Management system with ANTLR Grammar
- **C#**
  - Basic Unity3D game design and Blender modeling and rigging
- **C++**
  - Custom memory allocator with OS overhead analysis
  - BASH shell rewrite using text parsing and C functionalities
- **Python**
  - Generate QR codes, download videos, parse Excel files
  - Recipe creator using a database of 10,000 recipes to generate new ones at TAMUHack
- **Processing**
  - Perlin noise terrain generation, Conway's Game of Life, Monte Carlo approximations