

Duy H. Le

Houston, TX

duylezero@gmail.com

Education

Texas A&M University

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

College Station, Texas

2016 – 2019

Minor: Mathematics, Cybersecurity

GPA: 3.74

Expected Graduation: December 2019

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

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