

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: 3.65

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

Professional Experience

Ethos Group

Software Developer Intern

Irving, TX

June 2018 – Present

- Developed Full Stack web pages using .NET Core and Angular
- Used Syncfusion and Telerik libraries to automate car dealership report information
- Integrated Microsoft Azure Video Indexer to demonstrate salesperson effectiveness
- Integrated several Dealer Management Systems to pull automobile deal data
- Worked with SCRUM and Agile workflow

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!
- Shadowed graduate students and participated in discussions on robotics

Leadership

Philippine Student Association

President

College Station, TX

August 2018 - May 2019

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

Projects

- **Java**
 - Dungeon Crawler-like game with spritesheet parsing, soundintegration, and custom fonts
 - Custom Database Management system with ANTLR Grammar
- **C#**
 - Basic Unity3D game design with Blendr modeling and rigging
- **C++**
 - Custom memory allocator with OS overhead analysis
 - BASH shell rewrite using text parsing and C functionalities
- **Python**
 - Decision trees, linear classsification and regression
 - Recipe creator using a database of 10,000 recipies to generate new ones at TAMUHack
 - Web scraper for custom competitive Pokemon team creator
- **Angular/Web Design**
 - Realtor home owner management system
 - Cheap flight finder (Southwest Airlines test API)