Duy H. Le

Dallas, TX *duylezero@gmail.com*

Education

Texas A&M University **College Station, Texas**
Dwight Look College of Engineering, B.S. Computer Science *2016 – 2019*
Minor: Mathematics, Cybersecurity

Core Technical Skills

Languages: C++ * Java * C# * Python 3 * HTML * CSS * JavaScript/TypeScript * SQL
Tools/Technologies: Angular/AngularJS * SQL Server * Microsoft Azure * .NET CORE * RxJS/NgRx

Professional Experience

Ethos Group **Irving, TX**
Software Developer *June 2018 – Present*

- Developed web pages using Angular/AngularJS and RxJS/NgRx
- Used Syncfusion and Telerik libraries to automate car dealership statistics in an infographic
- Integrated Microsoft Azure Video Indexer to demonstrate salesperson effectiveness
- Integrated several Dealer Management Systems to pull automobile deal data
- Worked with SCRUM/Kanban and Agile workflow

Research

Multi-Robotics Lab (Dr. Dylan Shell) **College Station, TX**
Research Assistant *August 2017 - June 2018*

- Compared two BlackJack game policies with the goal on finding an optimal play
- Read papers on integrating topology with robot pathfinding
- Shadowed graduate students and participated in discussions on robotics

Leadership

Philippine Student Association **College Station, TX**
President *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 sports and dance 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**
  - Maritime cargo ship tardiness prediction model using multiple data analysis models
  - Recipe creator using a database of 10,000 recipies to generate new ones at TAMUHack
  - Web scraper to pull data for a custom competitive Pokemon team creator
- **Angular/Web Design**
  - Realtor home owner management system
  - Cheap flight finder (Southwest Airlines test API)