

# Duy H. Le

Dallas, TX

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## Education

**Texas A&M University**

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

**Minor:** Mathematics, Cybersecurity

**College Station, Texas**

2016 – 2019

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## Core Technical Skills

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

**Tools/Technologies:** Angular/AngularJS \* React \* Spring Boot \* Microsoft Azure \* .NET \* Cucumber

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## Professional Experience

**Fannie Mae**

*Software Engineer II*

**Plano, TX**

July 2021 – Present

- Designed and built securities trading UI to the satisfaction of business
- Managed AWS Lambda, EC2 instances, and logs to maintain applications
- Wrote JUnit and Cucumber regression tests, led meetings to restructure legacy code
- Discovered and resolved a security vulnerability in an API

**Michaels**

*Software Engineer II*

**Irving, TX**

August 2020 – July 2021

- Developed a new eCommerce platform from scratch using ReactJS, Redux Thunk, and Enzyme test
- Built RESTful APIs using Java Spring Boot, Maven, and Hibernate with JUnit tests
- Managed uploading and storing media from Cloudinary and Vimeo
- Worked with certified SCRUM masters to define and implement Agile principles

**Ethos Group**

*Software Developer*

**Irving, TX**

June 2018 – August 2020

- Developed car dealership performance analysis 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
- Incorporated several Dealer Management Systems to pull automobile deal data

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## Research

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

*Research Assistant*

**College Station, TX**

August 2017 - June 2018

- Compared two Blackjack game policies with the goal of finding optimal play
- Analyzed and discussed papers on integrating topology with robot pathfinding
- Shadowed graduate students and participated in discussions on robotics

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## Leadership

**Philippine Student Association**

*President*

**College Station, TX**

August 2018 - May 2019

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## Projects

- **Java**
  - Dungeon Crawler-like game with spritesheet parsing, sound integration, and custom fonts
  - Custom Database Management system with ANTLR Grammar
- **Python**
  - Maritime cargo ship tardiness prediction model using multiple data analysis models
  - Recipe creator using a database of 10,000 recipes to generate new ones at TAMUHack
  - Web scraper to pull data for a custom competitive Pokemon team creator