

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

Core Technical Skills

Languages: Java * JS/TS * C# * Python 3 * C++ * SQL

Tools/Technologies: Angular * React * Spring Boot * .NET * Azure/AWS/GCP * Cucumber

Professional Experience

Fannie Mae

Software Engineer II

Plano, TX

July 2021 – Present

- Designed and built applications to manage securities and funds in latest Angular versions
- 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 security vulnerabilities in existing applications

Michaels

Software Engineer II

Irving, TX

August 2020 – July 2021

- Developed a new eCommerce platform from scratch using ReactJS, Redux Thunk, and Enzyme
- Led the Commerce team in developing a microservice in Java Spring Boot on GCP
- Integrated with other systems in coordinating coupons, checkout, and cart operations
- Managed uploading and storing media from Cloudinary and Vimeo

Ethos Group

Software Developer

Irving, TX

June 2018 – August 2020

- Developed car dealership performance analysis web pages using Angular/AngularJS and .NET
- 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

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 and theory

Leadership

Philippine Student Association

President

College Station, TX

August 2018 - May 2019

Projects

- **Java**
 - Dungeon Crawler game with spritesheet parsing, sound integration, and custom fonts
 - ANTLR-based Database Management system
- **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