

Duy H. Le

Austin, TX

duylezero@gmail.com

Education

Texas A&M University

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

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

Professional Experience

Google

Software Engineer

Boulder, CO / Austin, TX

July 2022 - Present

- Tangibly improved Drive Search through UI enhancements, latency reduction, and quality improvements using an experiment-minded approach
- Pioneered deep dives into experiment-first development to convert product requirements into measurable and actionable features
- Delivered GenAI features, monitored quality, and investigated potential headroom for improvements
- Ideated, researched, and delivered a 30% storage indexing reduction that also increased recall accuracy

Fannie Mae

Software Engineer

Plano, TX

July 2021 – June 2022

- Updated legacy securities applications to modern Angular, continuously working with stakeholders to align on feature requirements
- Managed an AWS migration effort, using tools such as Lambda, EC2 instances, and logs
- Discovered and resolved a major security vulnerability in existing applications before any negative impact

Michaels

Software Engineer

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