Duy H. Le

Austin, TX   *duylezero@gmail.com*

Education

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

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   **Boulder, CO -> Austin, TX**
Software Engineer   *July 2022 - Present*

- Measurably 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 measureable and actionable features
- Utilizing the above point, delivered GenAi features within Drive and the Sidepanel
- Ideated, researched, improved, and measured a 30% storage indexing reduction that also increased recall accuracy

Fannie Mae   **Plano, TX**
Software Engineer II   *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 security a major vulnerability in existing applications before any negative impact

Michaels   **Irving, TX**
Software Engineer II   *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   **Irving, TX**
Software Developer   *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)   **College Station, TX**
Research Assistant   *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   **College Station, TX**
President   *August 2018 - May 2019*