DUC ANH DANG

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EDUCATION

The University of Texas at Austin, Austin, TX May 2028
B.S. Computer Science, *Minor in Statistics and Data Science* GPA: 3.9/4.0
Relevant Coursework: Data Structures & Algorithms, Linear Algebra, Probabilities, Discrete Math

TECHNICAL SKILLS

Programming Language: Python, Java, JavaScript, Swift, Dart
Frameworks and Tools: React, Next.js, Node.js, FlutterFlow, Git, Docker
Technology: Firebase, REST APIs

EXPERIENCE

Gibtr Inc., Los Angeles, CA April 2023 – April 2025
Software Engineer Intern

- Built a Python-based product fetcher using **Selenium** to extract pricing data from **50+** e-commerce websites, automating over **90%** of manual entry and improving data accuracy across thousands of products.
- Designed and implemented a full-stack tax calculator with a **Dart-based UI** and **Python API**, enabling users to view real-time total prices (including sales tax) for any U.S. zip code — cutting price lookup time by **80%** and streamlining product processing.

PROJECTS

Full Stack Salon Management System (In progress) April 2025 – Present

- Architecting the backend with **Node.js**, **Prisma**, and **MySQL**, containerized using **Docker**.
- Designing a normalized relational database schema to support multi-role user workflows.
- Built **Firebase Authentication** and began developing the iOS client app in **FlutterFlow** for customers.
- Planned separate applications for technicians (to manage schedules and view bookings) and owners (to manage staff and oversee appointments).

3rd place - Sony Edge AI Hackathon (GitHub) March 2025

- Collaborated with a team 5 to address urban congestion using Sony's AIH-IVRW2 Edge AI Camera.
- Deployed a **YOLOv6 object detection** model on-device to perform real-time people counting and jaywalking detection via object coordinates.
- Built a full-stack web app (**Python + HTML**) that queried the camera via API every 5 seconds and recommended less crowded tourist attractions based on live density.
- Tackled key urban issues including transportation overload, environmental strain, and resident dissatisfaction through data-driven suggestions.

Bone Marrow Transplant Success Prediction and Leukemia Classification (Colab) June 2022 – August 2022

- Collaborated in a 4-person team to develop ML models (**Logistic Regression, SVM, Decision Tree, CNN**) predicting bone marrow transplant outcomes, achieving over **94%** accuracy.

LEADERSHIP & COMMUNITY INVOLVEMENT

Urban Read – Founder October 2022– April 2024

- Managed and advised 10 team members to run websites, promote donations through different social media platforms (Facebook, website), and plan events.
- Donated 500+ English books to non-profit bookstores in Hanoi to help disadvantaged children
- Organized events at different bookstores, which have about 10 children (ages 7-10) attending each, to teach English and how to read and understand books efficiently.