

Nhat Dao

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EDUCATION

The University of Texas at Arlington

May 2017

Bachelor of Science, Computer Science and Mathematics

Member of the international honor society for the computing and information disciplines at UTA

WORK EXPERIENCE

Flywheel Building Intelligence, Inc.

Dallas, TX

Software Engineer

August 2017 - Present

- Working on migrating Meteor application to a micro-service ecosystem with event based communications.
- Implemented and maintaining multiple services using GraphQL, gRPC and NodeJS.

Cloud 9 Perception

Arlington, TX

Software Engineer Intern

February 2017 - July 2017

- Implemented wrappers around Point Cloud Library (PCL) to handle realtime detections of surfaces and objects using C++.
- Worked on visualizing point cloud data with THREE.js.

Shippy angel.co/shippy

Remote

Co-founder

March 2016 - February 2017

- Worked on making shippy.vn an isomorphic Ecommerce web application.
- Built a recommendation system with PredictionIO to recommend products for customers, resulting in a 60% boost in sales.

Ayoka System

Arlington, TX

Web Developer Intern

May 2016 - August 2016

- Maintained and refactored a multi-tenant web application using Grails and MySQL.
- Rewrote an internal API from Django to NodeJS with TDD.

PROJECTS

Smart mirror plus plus

- A smart mirror built with Raspberry pi, Amazon Echo Dot, Electron and React to show news feeds and authenticate users with facial recognition using SVM classifier, OpenCV and models from OpenFace.

Network video recorder

- An application written in Go that slurps video from a camera connected to a Raspberry Pi to Cloud via HTTP using MPEG transport format.

CheckoutAR (Winner at T-Mobile Hacktober Hackathon)

- An IOS application that snaps real products to find more about their prices or purchase using ARKit and Swift.

SKILLS

Programming

Python, C++, Java, Javascript

Frameworks

React/Redux, NodeJS, Ruby on Rails

Other technologies

GraphQL, MongoDB, PostgreSQL, AWS, Docker