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 monolith to a micro-service ecosystem with GraphQL.
- Working on a productivity mobile application in React Native and Apollo GraphQL.

Cloud 9 Perception   Arlington, TX

Software Engineer Intern   February 2017 - July 2017

- Implemented wrappers around Point Cloud Library (PCL) to handle real-time 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 e-commerce web application using Ruby on Rails and React.
- 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, React Native, NodeJS, Ruby on Rails
Other technologies	GraphQL, MongoDB, PostgreSQL, AWS, Docker