

Tam Nguyen

Full-stack Developer · Computer Science Major & Math Minor · University of Mississippi

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About Me

Programming Python · NodeJS · PHP · Java · Haskell

Database/Analytics MySQL · MongoDB · Hadoop · Spark

Web Express · React · Flask · HTML/CSS/JavaScript · D3.js · WordPress

Work Experience

Department of Biomolecular Sciences, School of Pharmacy
IT TECHNICIAN & WEB DEVELOPER

Oxford, MS

May 2015 – Now

- Support students and faculty with any technical issues regarding software, network and operating systems.
- Maintain the department's network of computers, printers and research instruments
- Design, develop and maintain the lab website of Dr. Sudeshna Roy

Department of Student Housing, University of Mississippi
COMMUNITY ASSISTANT

Oxford, MS

August 2014 – May 2016

- Developed a positive living environment designed to link community, faculty and residents
- Promoted academic excellence, addressed students' needs and encouraged involvement among residents in a way that supports the University Creed and the mission of the Department of Student Housing
- Organized Community Learning Programs within residential halls to promote diversity, education, health, etc.

VNPT Technology, Vietnam Posts and Telecommunications Groups
SOFTWARE DEVELOPER INTERN

Hanoi, Vietnam

Summer 2015

- Conducted the research of creating and using enterprise applications with Odoo (OpenERP)
- Practiced mobile application development by building an Android weather app using OpenWeatherMap API

Projects

AquaGrow – Smart Aquaponics System

- Implementing a web/mobile app to monitor an aquaponics gardening system with sensors, via Wi-Fi connection

U.S. Permanent Visa Research

- Analyzed a large dataset of U.S. Permanent Visa applications to create visualizations using D3.js

Redzone – Campus Crime Predictor

- Implemented a crime prediction model in a web app using Python/Flask during VandyHacks 2017

Oxford Car Rental

- Built a CRUD interface web app for a car rental company using PHP and MySQL database

JavaScript 30

- Finished 30 daily web projects using vanilla JavaScript and Web APIs

Awards

Honorable Mention · Database Design, AITP National Collegiate Conference 2017 · St. Louis, MO

April 2017

3rd Place · Java Development, AITP National Collegiate Conference 2016 · Chicago, IL

April 2016

Academic Excellence Scholarship for Outstanding Incoming Undergraduates

Fall 2013

Education

University of Mississippi

Bachelor of Science in Computer Science

Oxford, MS

Expected May 2018

Community

- Association of IT Professionals (AITP)
- Association for Computing Machinery
- Change Mississippi, Non-Profit Organization
- Intramural Basketball and Flag Football Clubs
- Global China Connections
- Vietnamese Student Association