

PHONG NGUYEN

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EDUCATION AND CERTIFICATIONS

Coding Dojo

Full Stack Software Engineering Bootcamp
Completed Apr. 2019

University of Texas at Arlington

Master of Science, Healthcare Administration
Graduated May 2010

Baylor University

Bachelor of Science, Biology and Chemistry
Graduated Aug 2007

TECHNICAL SKILLS

Front-End Software

React, Angular, Rest API, HTML, CSS, JavaScript, jQuery, Express, NodeJS, AJAX, TypeScript, Bootstrap

Back-End Software

Python 3, MySQL, Java, Mongoose, MongoDB, Flask, Sockets

Developer Methodology and Tools

Object-Oriented Programming, GitHub, GitBash, AWS Deployment, VS Code

PROFESSIONAL EXPERIENCE

Data Compass

Volunteer

Apr. 2019 – Present

- Developing and testing algorithms for Data Compasses' product

Stanford Health Care

Program Manager, Cancer Business Operations

Apr. 2014 – Nov. 2018

- Created a cross-department, web-based safety observation program that logged 2,000 incidents using GSuite tools
- Extracted large datasets from the ERP, SAP data warehouse, Centricity, and EPSI systems
- Amassed four years of outpatient data into an analytical database; comprised of 3 million records
- Built models that measured clinic productivity, physician schedules, and staffing levels
- Prepared and submitted operational data to two national regulatory agencies

KPMG

Healthcare IT Management Consultant

Oct. 2011 – Apr. 2014

- Led a third-party billing collections team that recovered \$1 million in aged revenue
- Analyzed insurance claims data using Claredi Classic for EDI 4010A1 and 5010 HIPAA compliance testing

Cerner Inc.

Software Implementation Consultant

Aug. 2010 – Oct. 2011

- Configured and implemented Cerner's document imaging software product
- Wrote training documentation and trained end-users on use of the product

SOFTWARE PROJECTS

Emergency Alert Web Application

In-Development

- Created a web-based safety alert system that notifies contacts of current GPS location based on clicks
- Created a login and registration page with front-end user authentication using BCrypt password hashing and email REGEX. The entire application is built in Python, Flask, and Jinja

Stack Lite

Late Stage Development

- Created a question and answer website that allows users get assistance with their coding problems. Created from Java, Spring, Apache, and Maven
- Utilizing Stackoverflow.com's API, users can also search for only the highest voted and commented on answers. Stack Lite has logic built in to filter all Stack Overflow's data