An Huynh

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Technical Skills
LANGUAGES & FRAMEWORKS: Python (NumPy, Pandas, SciPy, Scikit-learn, Matplotlib), R, SQL (Oracle and MS), PL/SQL, Matlab, Java, Scala, JavaScript (Angular 1 & 2+, React, React Native, jQuery, D3.js)

SOFTWARE & PLATFORMS: Jupyter Notebook, Apache Spark/Maven, Hive, GitHub, Android Studio, AWS (EMR, EC2, S3, Lambda, Glue, Athena, Quicksight, DynamoDB), IBM Cloud (NodeRed, Discovery Service, Watson Studio)

Work Experience
DATA ANALYST | ARCADIA | JUNE 2020 – PRESENT
· Improve scalability of ETL processes using Scala Spark, HiveQL, and AWS that allows new clients to process more than 20 TB of data each month.
· Resolve critical and time-sensitive data pipeline issues in order to enable 10+ business partners to perform large-scale medical based analysis.
· Coordinate technical details across various product and operation teams to ensure both internal and external transparency and reliability of data pipelines.

DATA ENGINEER | JOHN HANCOCK | NOV 2019 – JUNE 2020
· Optimized team workflow through Maven application framework with Apache Ranger backend.
· Prototyped, designed, and developed new data pipeline to process life insurance data for daily analytics.

SOLUTION ANALYTICS INTERN | AMAZON ROBOTICS | SEPT 2018 – DEC 2018
· Improved scalability and speed of team's data analytics application by 30% through refactoring with AngularJS, Java, Coral Service Framework, and AWS.

JUNIOR SYSTEM ARCHITECT INTERN | PEGASYSTEMS | MAY 2018 – AUG 2018
· Established Jenkins pipeline for continuous integration and deployment of internal consultant applications to increase developer productivity by 2 hours per day.
· Automated the merging of more than 400 Engage cases using Python, which accelerate task time from 2 weeks to 1 day.

IT DISTRIBUTION SYSTEMS INTERN | EATON VANCE | JAN 2018 – MAY 2018
· Integrated Marketing Report Management application into a more scalable and optimized solution using Angular 5 framework with PHP backend and SQL/Oracle database.

DIGITAL SOLUTIONS INTERN | STAPLES, INC | JUNE 2017 – AUG 2017
· Saved Supply Chain thousands of dollars annually by prototyping an interactive UI that automated shipment invoices' auditing process.
· Developed and designed ServiceNow portal that allowed retail workers to submit and review service tickets using AngularJS.

Projects
PROJECT GESTURE | SENIOR PROJECT | MAY 2019 – SEPT 2019
· Collaborated with Bose research engineers to design and test machine learning models and artificial neural networks that classified user motion from time series data using TensorFlow and Scikit-learn.

SAFETY NET APP | TECHTOGETHER BOSTON | MAR 2019
· Winner of IBM's Best of Use of AI challenge for building an IoT facial recognition app that classified people based on unbiased dataset using TensorFlow, Raspberry Pi, NodeRed, and OpenCV.

SHE FIGHTS BACK APP | SHEHACKS BOSTON | JAN 2018
· Winner of Most Innovative Project for creating a mobile app that allow victims of sexual/domestic violence to report their evidence using Android Studio and Firebase.

Leadership
TEACHING ASSISTANT | RAILSBRIDGE BOSTON | JUNE 2018 - PRESENT
· Teach more than 40 participants how to build a web application from scratch using Ruby on Rails.

Education

WENTWORTH INSTITUTE OF TECHNOLOGY | BOSTON, MA| DEC 2019

<u>Bachelor of Science in Computer Science</u>; *Magna Cum Laude* (GPA: 3.8/4.0)

· ***Relevant Coursework*:** Machine Learning, Data Science, Big Data Programming, Computer Vision, Impact of AI