An Huynh

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Technical Skills

LANGUAGES & FRAMEWORKS: Java, Scala, Python, JavaScript/TypeScript (Angular 1 & 2+, React), HTML/CSS, Ruby, SQL (Postgres, MySQL, MS SQL Server)

SOFTWARE & CLOUD PLATFORMS: Apache Spark, Hive, Amazon Web Services (EMR, EC2, S3, Lambda, Glue, Athena), GitHub

Work Experience

MID-LEVEL SOFTWARE DEVELOPER | VANGUARD | NOV 2021 – PRESENT
- Automate trade calculations and distribution from external service partners to various internal services for in depth analysis and processing using Python, AWS Lambda and EventBridge.
- Design and prototype an interactive investment strategy creation platform within less than 3 months using Angular 11, GraphQL, and Java SpringBoot.

DATA ANALYST | ARCADIA | JUNE 2020 – NOV 2021
- Improved scalability of ETL processes using AWS S3, Nifi, and Scala Spark that allowed new clients to process more than 20 TB of data each month.
- Resolved critical and time-sensitive data pipeline issues in order to enable 10+ business partners to perform large-scale medical based analysis.
- Coordinated 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 data security team review process using Java Maven application framework with Apache Ranger API.
- Prototyped, designed, and developed new data pipeline for daily life insurance data analytics using Scala Spark, HiveQL, Hbase, Azure, and CA Workload Automation.

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
- Increased developer productivity by 2 hours per day by establishing Jenkins pipeline to automate testing and deployment of internal Consultant applications.
- Automated the merging of more than 400 Engage cases using Python, accelerating task time from 2 weeks to 1 day.

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

Projects

PROJECT GESTURE | AAAI CONFERENCE | https://bit.ly/3zl2fm5
- Collaborated with Bose research engineers to design and test machine learning models and artificial neural networks used to classify user activity from time series data using Tensorflow and Scikit-learn.

SAFETY NET APP | TECHTOGETHER BOSTON HACKATHON | https://bit.ly/3zqEn0C
- Built an IoT facial recognition app based on unbiased dataset using TensorFlow, Raspberry Pi, NodeRed, and OpenCV.
- Achieved IBM's "Best use of AI challenge" awards out of 1,200+ participants.

SHE FIGHTS BACK APP | SHEHACKS BOSTON HACKATHON | https://bit.ly/3nLVOXj
- Created a mobile app that allow victims of sexual/domestic violence to report their evidence with ease using Android SDK and Firebase.
- Achieved "Most Innovative Project" and "She Learns" awards out of 200+ submissions.

Education

WENTWORTH INSTITUTE OF TECHNOLOGY | BOSTON, MA | DECEMBER 2019
Bachelor of Science in Computer Science; *Magna Cum Laude* (GPA: 3.8/4.0)