

# An Huynh

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## Technical Skills

**LANGUAGES & FRAMEWORKS:** Java, Scala, JavaScript (Angular 1 & 2+, React), Python, R, C, C#, HTML5/CSS3, Ruby, PHP, SQL (Oracle and MS)

**SOFTWARE & PLATFORMS:** Apache Spark, Amazon Web Services (EMR, EC2, S3, Lambda, Glue, Athena, Quicksight, DynamoDB), Google Cloud Platform (Firebase, Firestore, Dialogflow), IBM Cloud (NodeRed, Discovery Service, Watson Studio), Microsoft SQL Server, Heroku, GitHub

## Work Experience

### **DATA ANALYST | ARCADIA | JUNE 2020 – PRESENT**

- Improve scalability of ETL processes using **Scala Spark**, **Spark SQL**, 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.

### **DATA ENGINEER | JOHN HANCOCK | NOV 2019 – JUNE 2020**

- Optimized team workflow through **Java** 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**

- 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**, which accelerate 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, **PL/SQL**, and Oracle database.

### **DIGITAL SOLUTIONS INTERN | STAPLES, INC | JUNE 2017 – AUG 2017**

- Saved Staples thousands of dollars annually by providing an interactive UI prototype for Supply Chain that automated shipment invoices' auditing process using **Python**.
- Developed and designed a 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 used to classify user activity from time series data using Tensorflow and Scikit-learn.

### **SAFETY NET APP | TECHTOGETHER BOSTON | MAR 2019**

- Winner of IBM's best 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 and She Learns category for creating a mobile app for victims of sexual/domestic violence using Android Studio and Firebase that allowed users to report evidence discreetly.

## 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 | DECEMBER 2019**

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