

Hunter Houston

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EDUCATION

SMU | DALLAS, TX

BS IN COMPUTER SCIENCE

MINOR IN MATH

May 2015 | Dallas, TX

Conc. in Software Engineering

Lyle School of Engineering

Major GPA: 3.31 / 4.0

LINKS

Github:// [hhouston](#)

LinkedIn:// [hmhouston7](#)

SKILLS

PROGRAMMING

- NodeJS • GraphQL • Python
- ReactJS • Redux • RXJS
- Javascript/JQuery • CSS

Databases:

- Elasticsearch • MongoDB
- PostgreSQL • DynamoDB • MySQL

TOOLS

- AWS • Docker • Kibana
- Bootstrap • Kubernetes
- CircleCI • Redis • Terraform
- AVA / Nock • Grafana • PM2
- Koa / Express • Prometheus

HIGHLIGHTS

- Represent mLabs for presentations to company, clients, and executives describing the product and work involved
- Sliding window across stream with tens of millions of tweets to save the top 1000 ordered by "impact"
- Lacrosse Coach SF Riptide U-14

COURSEWORK

GRADUATE

Data and Network Security
Software Configuration MGMT
Operating SYS and SYS Software
Artificial Intelligence
Mobile Apps/Sensing and Learning

UNDERGRADUATE

Data Structures
Linear Algebra
Digital Computer Design
Algorithms
Computer Networks and Distr. SYS
Calculus III

EXPERIENCE

MELTWATER | SENIOR BACKEND ENGINEER (MLABS)

March 2017 – April 2020 | San Francisco, Ca

- mLabs is a special research team at Meltwater working under the CEO to consolidate data points from online sources about a client's company and display the data in a monthly report better known as Outside Insights (OI).
- Developed various new services for the team, most notably: Harvest, Insight, Alerts, and Newsfeed.
- Harvest works to gather data about a company from numerous APIs and organize the information in Elasticsearch. The Insight service then uses ES to retrieve and build the insights (graphs / charts) for a company to be displayed in the UI.
- Recently I became the team lead of engineers in Ghana to help contribute with testing and adding new features. The role includes mentoring and performing code reviews to ensure PRs adhere with certain standards.

AUSTIN SIGMA LLC | BACKEND ENGINEER/DEVOPS

Dec 2015 – November 2016 | Houston, TX

- Sole backend developer for a CRM application on iOS.
- Deployed set of Linux servers on-site to host user data using CentOS.
- Enabled end-to-end encryption for application and a syncing solution for clients with multiple devices, allowing offline use.

SUNGARD | JUNIOR SOFTWARE CONSULTANT

June 2015 – Dec 2015 | Dallas, TX

- Worked on ATMOS Energy project building web-app to monitor gas pipelines
- Created stored procedures for more efficient DB queries. Reduced load time of home page by indexing RTU data their respective groups (ORACLE)
- Added email and text notification for field workers to set custom alerts

NOTABLE PROJECTS

BURST GALLERY | WEBSITE TO SELL PHOTOS

Dec 2019 | NodeJS, ReactJS, Redux, GraphQL, MongoDB, AWS, PM2

- Find photos from your event using a coupon code
- Purchases available using Stripe
- Watermark and signed URLs for displaying photos with AWS CloudFront

SIGNALS AI | ALERTS SIGNIFYING KEY EVENTS FOR A COMPANY

November 2018 - May 2019 | AWS, CSDL, NodeJS, GraphQL, iOS

- The idea is to comb through millions of news articles and dictate "key events".
- Lead team of three engineers in Brazil to develop a pipeline to gather / store data in S3 and create event filters with CSDL.
- Amazon SQS utilized to input / output events to alert service.
- The alert service is responsible for storing an event and pushing it to the iOS app, as well as creating a scroll-able "newsfeed"

LUCIDLAB5 | VR VISUALIZER FOR OCULUS HACKATHON

April 2015 | Unity3D, Maya3D, Android

- Managed small team of developers from two different countries.
- Wrote script to analyze audio frequency input to trigger color and pattern changes based on the instrument (C-Sharp).