Dylan Harness

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github.com/dharness

I've had jobs.

Chartboost, Software Engineer   **Oct 2017 - Present**

- Created end to end ML pipeline for developing models, training and testing them on large datasets, gathering metrics, deploying to production, and serving inference while split testing across many versions and model types.
- Extended Python with low latency feature encoding library in C
- Developed ETLs with Arflow and AWS Sagemaker for model training
- Developed high throughput/low-latency real-time bidder in Python
- Built automated deployment pipeline using Spinnaker and AWS
- Built scalable RESTful APIs and backends in Python/Flask, monitored with Kibana and Kafka
- Built frontends with modern JavaScript, React + Redux

Google, Software Developer   **Sep 2015 - Dec 2015**

- Wrote internal library for d3 visualizations in AngularJS
- Managed build process with blaze (externally, bazel)
- Used gRPC and probufs for client-server communication

IBM, Software Developer   **June 2015 - Aug 2015**

- Defined the team's best practices and style guides for AngularJS
- Architected the main structure of the app defining core models, controllers, and services
- Implemented major application features as part of an Agile team

Sightline Innovations, Software   **Sep 2014 - April 2015**

- Developed real-time monitoring systems for clients in the public sector with Ext.js
- Contributed to the open source app generation framework JsNation
- Dissected requirements documents into epics, stories, and tasks

I do other stuff too.

King of the Stack, Founder   **Aug 2016 - Present**

- Worked with various clients to create custom designs and shipped entire web apps with React, Node.js and Mongodb
- Managed project scope, timelines, and development team and grew from 2 to 5 developers
- Taught programming to 7 non-technical students

I have skills.

- Python
- JavaScript(ES6)
- C#
- Flask
- Tornado
- Node.js
- React
- Redux
- Docker
- AWS
- Scikit-learn
- Tensorflow
- Kafka
- Kinesis
- Redis
- MySQL
- Hive
- Airflow
- Spinnaker
- Jenkins
- Travis
- Unity

I have a degree.

BSc.Eng, 2017
Software Engineering

The University of Western Ontrario, Canada