

Uday Varkhedkar

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WORK EXPERIENCE

Software Engineer

Center for Open Science

06/2019 - Present

Remote

The non-profit behind the Open Science Framework (OSF), an open-source platform for academic researchers to publicly organize research materials, register experiments, and share findings

- Expand user tracking and analytics infrastructure to enable the storage and retrieval of metrics for user-facing dashboards in OSF as well as detailed product analysis of user creation behavior.
- Program new features, technical improvements and bug fixes across the OSF including creating and updating data models, writing data migrations, and creating and updating API endpoints.
- Conduct technical analysis, write documentation, and make recommendations for new features, older parts of the code base, and 3rd-party libraries.

Software Engineer

Parse.ly

01/2017 - 02/2019

Remote

A real-time digital media analytics SaaS startup providing newsrooms and brands with a data dashboard, API, and data pipeline

- Built and maintained Mode dashboards that monitor customer management and support metrics to improve account retention and monetization.
- Anonymized, aggregated, and analyzed network-wide datasets in Google BigQuery and Mode for an external media economics professor and for customers to contextualize their data within industry-wide trends.
- Developed API endpoints for customers to securely send metadata to Parse.ly, exclude specified records from API results, and access video analytics data.
- Contributed on sales and support calls with potential and current customers to communicate product capabilities, resolve bugs, and bridge gaps between technical and non-technical colleagues and customers.

Software Engineer Intern

Amazon Web Services (AWS)

05/2016 - 08/2016

Seattle, WA

The AWS Infrastructure Team, a team focused on building and maintaining internal tools to manage the AWS network

- Built upon a prototype enabling others in AWS Infrastructure to easily setup a sandbox environment to test network automation tools through the creation and management of virtualized networks

EDUCATION

B.A. in Computer Science

University of Virginia

08/2013 - 12/2016

Charlottesville, VA

TECHNICAL SKILLS

Data Python (Pandas), SQL (Google BigQuery), Jupyter Notebooks, Mode Dashboards, Excel

Software Python (Django), SQL (PostgreSQL), Javascript, ElasticSearch, Docker