

Erik Charles Zorn

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Employment

Xandr (AppNexus)

Software Engineer – TV Data Pipeline

New York, NY

July 2019 – Present

- Architected and managed a cross-team, client facing project that allows advertisers to request and receive attribution reports for their TV Ad Campaigns
- Led a Spark (Scala) integration requiring ETL on 10+ inputs from 4 external teams
- Developed microservices utilizing Kafka, Hadoop, and Vertica to create a reliable data pipeline
- Acted as an intern manager through defining work, weekly one-on-ones, continuous feedback and official performance reviews

AppNexus

Software Engineer Intern – Optimization

New York, NY

June – August 2018

- Met with PMs and other stakeholders to design a logger for improving optimization projects
- Learned MapReduce paradigm and enterprise-level version control practices
- Researched a new data protocol, suggested improvements and bug fixes, and devised solutions by pulling insights from the data

Redhorse Corporation

Junior Application Developer (remote part-time)

Arlington, VA

September 2017 – June 2018

- Developed PHP web application to generate Word documents from user specified input

Application Developer Intern

June – August 2017

- Wrote full stack code in Python, JS, bash, HTML, and CSS with an Elasticsearch backend for a proprietary talent management system
- Integrated IBM Watson and Facebook's fastText into our system to provide a richer dataset, more accurate query results, and ~x10 faster synonym generation

H&M Bay Inc.

IT Intern

Federalsburg, MD

June – August 2016

- Designed webpages in ColdFusion with JavaScript to populate a database with user input
- Created a complete IT work order system to schedule maintenance routinely and notify relevant employees via email

Relevant Experience

Projects

- Developed a React-Native iOS application for peer to peer long distance carpooling
- Created a GroupMe AI with JavaScript using the Cleverbot API to have smart interactions with other members of the chat. Deployed the app to Heroku
- Used Ionic Framework + Angular JS to develop a cross-platform budget application that caters to the needs of college students and uses JS packages for data visualization
- Programmed a Django web application to aggregate recent bills voted on by a district's congressperson based on a user specified geolocation

Technical Skills

- *Experienced:* Python, Scala, Spark, JavaScript, Java, SQL, Flask, Git, Node, HDFS
- *Proficient:* Go, Kubernetes, Helm, React-Native, HTML, CSS, Hive, Django
- *Experience with:* C++, jQuery, Vertica, Heroku, NLP, Linux, Elasticsearch

Education

University of South Carolina, Honors College (2015-2019)

GPA: 3.98

Major: B.S. Computer Science; Minor: Business

Phi Beta Kappa Honor Society