Doug Rudolph

drudolph914@gmail.com
dougrudolph.com

Experience

Interseller.io – New York, NY | Software Engineer   Aug 2019 - Present

- Developed an in browser email editor in React and Slate JS
- Wrote a two-way HTML-MarkDown compiler that converted HTML into our editor's supported HTML spec in JavaScript
- Created an email reporting service for users to build graphs, as well as export reports and spreadsheets in React and NodeJS
- Developed an internal graphing library to graph heatmaps, bar graphs, line graphs, and other charts in React
- Created a drag-and-drop framework in React that let users re-order scheduled emails with-in an email thread

BuzzFeed – New York, NY | Software Engineer   Aug 2018 - Feb 2019

- Developed YouTube and Facebook data collection pipeline in Python and Tornado
- Wrote a Google BigQuery data routing framework for internal data collection services
- Created an async gzip streaming service to stream BuzzFeed aggregated reports in Python and Tornado

BuzzFeed – New York, NY | Associate Software Engineer   Aug 2017 - Jun 2018

- Refactored data pipeline that gathered BuzzFeed News article data in Python and Tornado
- Developed an async Google BigQuery, query API and microservice in Python

BuzzFeed – New York, NY | Software Engineering Intern   Jun 2017 - Aug 2017

- Help develop a backend queueing service that managed requests for Buzzfeed.com and BuzzFeed News in Go-Lang
- Created a caching service that stored the most viewed articles from BuzzFeed News in Python and AWS Redshift and Redis

Skills

Languages: JavaScript/TypeScript, Rust, Python, Go, Java, C#, C, Haskell, SQL/MySQL/PostgreSQL, HTML/CSS,

Frameworks & Tools: NodeJS/Deno, WebGL/WebGPU, WASM, OpenGL/Vulkan, Tornado, Flask, React, Google BigQuery, AWS

Accomplishments

HackNY Fellow   Summer 2017

- [One of 29 students](#) chosen for an intensive 3 month technical program run by Columbia and NYU. Attended talks 2+ times a week by VC's/CEO's/founders/technologists.

Education

Rutgers University - **New Brunswick, NJ**   Summer 2017

- Bachelor's Degree in Computer Science