

# Doug Rudolph

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## Experience **BuzzFeed - New York, NY | Software Engineer**

*Aug 2018 - Feb 2019*

- Rewrote the entire YouTube and Facebook data collection pipeline in Python3 & Tornado - two of the four core media platforms BuzzFeed interfaces with.
- Updated aggregation services that collect audience data from social media and video content platforms. The data pulled is used to make business decisions for BuzzFeed.com.
- Wrote a Google BigQuery data routing framework for other small data collection services.

## **BuzzFeed - New York, NY | Associate Software Engineer**

*Aug 2017 - Jun 2018*

- Refactored data pipeline that gathered audience demographic data from BuzzFeed's Facebook posts/pages with Python3 & Tornado.
- Developed an asynchronous Python3 API wrapper to interface with Google's BigQuery cloud service.

## **Epic Games - New York, NY | Unreal Engine - Open Source Developer**

*Jul 2017 - Dec 2017*

- Updated shader loading pipeline to independently load USF and USH shaders.
- Assisted in exporting Unreal Engine's in game chat-client API from C++ to C-Python.

## **BuzzFeed - New York, NY | Software Engineering Intern**

*Jun 2017 - Aug 2017*

- Updated components to an internal Golang API that assisted in distributing incoming requests to BuzzFeed.com and BuzzFeed News.
- Developed a service in Python3 that cached the most viewed articles within the last 30 days on Google Cloud Platform & Amazon Redshift.
- Developed bash scripts to auto-install internal dev-tools for Ubuntu and Debian users.

## Accomplishments **HackNY Fellow**

*Summer 2017*

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

## **Minecraft Hunger Games MOD**

*May 2014*

- Codeveloped the original Hunger Games Minecraft MOD. Was one of the most played Minecraft MOD for 2+ years on [minecraft-mp.com/](http://minecraft-mp.com/) with a consistent 800+ players.

Skills **Languages:** Python, Java, C++, C#, C, Go, JavaScript, TypeScript, Haskell, SQL/MySQL, HTML/CSS

**Frameworks/Tools:** Tornado, LINQ, Flask, Git, Bash, Linux/Unix, OpenGL

## Education **Rutgers University - New Brunswick, NJ | Class of 2017**

- Bachelor's Degree in Computer Science