Douglas Rudolph

Email: Dougl@sRudolph.ninja
Website: DougRudolph.com
LinkedIn: /in/DougJRudolph
Github: /11

Experience

BuzzFeed - New York, *NY* | Infrastructure Engineer
Aug. 2017 - Present
- Rewrote parts to the article ranking algorithm for BuzzFeed's website homepage.
- Updated data pipeline in Python and Tornado to pull data from BuzzFeed FaceBook pages.
- Developed an asynchronous Python API for Google's BigQuery cloud services.

Epic Games - New York, *NY* | Unreal Engine - Open Source Developer
July 2017 - Present
- Updated shader loading pipeline to load USF and USH shaders independently.
- Exporting Unreal Engine's in game chat-client API from C++ to C-Python.

BuzzFeed - New York, *NY* | Software Engineering Intern
June 2017 - Aug 2 s017
- Codeveloped an API in Golang and MySQL that handled all network requests coming through to BuzzFeed's backend.
- Created a python service that caches the most viewed articles on *BuzzFeed.com*.
- Wrote bash scripts to install internal dev-tools for Ubuntu and Debian users.

Rutgers University - New Brunswick, *NJ* | Algorithms Research Assistant
May 2016 - May 2017
- Worked underneath Ph.D Dr. Bahman Kalantari as research assistant and developer for his *Polynomiography* algorithmic art research.
- Responsible for maintaining the *project codebase* and developing rendered code samples.
- Developed an algorithm to discover interesting polynomic-fractal sets
- Implemented a cache that prerendered similar fractal-sets to allow for an interactive UI.

Education

Rutgers University - New Brunswick, *NJ* | Class of 2017
- Bachelors Degree in Computer Science

Skills

Languages: Python, C++, Java, C#, Golang, C, GLSL, MySQL,
Frameworks: Vulkan, OpenGL, Tornado, Flask, LINQ

Accomplishments

HackNY Fellow - *June 2017*
- *One of 29 students* chosen for an intensive technical program run by Columbia & NYU. Attended talks 2+ times a week by VC's/CEO's/founders/technologists.

Minecraft Hunger Games MOD- *May 2014*
- Codeveloped an original Hunger Games Minecraft MOD. Was most played Minecraft MOD for 2+ years on *minecraft-mp.com/* with a consistent 6,000+ players.