

Phil Opaola

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Work Experience

Mediamath, Software Engineer II

New York, New York — October 2016 - December 2017

- Built Perl Catalyst REST framework APIs consumed by frontend, and external client teams
- Maintained and improved upon legacy campaigns and strategy management infrastructure
- Worked on IP Targeting and WURFL Targeting perl-based microservice
- Took ownership of legacy feature gating system and worked on several stories to improve usability for both the product team and other engineers
- Wrote Python integration tests and automation infrastructure

Percolate, Backend Engineer

New York, New York — February 2015 - October 2016

- Built Django REST framework APIs consumed by frontend, mobile, and client engineering teams
- Build an Elasticsearch index for searching Campaign objects and associated metadata within Percolate
- Maintained and improved upon legacy notification system for message delivery to email/mobile apps
- Built a tenant-scoped preference management system used to customize Percolate functionality across user-groups
- Built a tagging system for defining client-specific hierarchies used to organize objects within Percolate

Percolate, Junior Backend Engineer

New York, New York — July 2013 - February 2015

- Built a declarative framework for integrating with OAuth 1 and 2 authentication workflows
- Built crawlers to ingest posts from major social networks into Percolate
- Designed and implemented user onboarding system to allow automated creation of new user accounts. Used by GE to import 20,000 active users into Percolate
- Built asset storage backend for web-based “Predator” image editor

I Like What You’re Wearing, Web Developer (Intern)

New York, New York — December 2012 - April 2013

- Created item-based recommendation engine for an online fashion magazine and e-commerce site
- Built a url-shortening service with Python/Flask
- Interfaced Backbone.js and Django apps via a RESTful API
- Deployed code to remote Ubuntu servers using Upstart and Nginx

Mtelegence Corporation, Software Developer (Intern)

Teaneck, New Jersey — June 2012 - December 2012

- Created generation and validation systems for an in-house XML dialect
- Redesigned MS Word UI and functionality (with VBScript/XML) to work as an IDE for an in-house markup language