

# Jeremy L. Morris

13G Andover Circle

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## TECHNICAL SKILLS:

**Languages:** Go, Ruby, Elm, Python, R, Java

**Tools:** Git, Kubernetes, Docker

## OPEN-SOURCE WORK EXPERIENCE:

### Member

- Kubernetes
  - i.e. Move GetLoadBalancerName() to interface:  
<https://github.com/kubernetes/kubernetes/pull/66589>
- DigitalOcean
  - i.e. Expose redis retry job data: <https://github.com/digitalocean/go-workers2/pull/37/files>

### Open Source Contributions

<https://www.jeremylmorris.com/projects/>

### Development Tutorials

<https://www.digitalocean.com/community/tutorials/how-to-install-and-use-tensorflow-on-ubuntu-16-04>

## WORK EXPERIENCE:

- |   |                        |                         |
|---|------------------------|-------------------------|
| <b>Software Engineer (Billing)</b>  | <b>DigitalOcean</b>    | <b>4/2018 - present</b> |
| <ul style="list-style-type: none"><li>• Implemented a caching system, for customer invoice CSVs, to prevent timeouts in the browser.</li><li>• Created a REST/gRPC service to enable the storing of billing addresses and accurate tax calculation. Wrote the server side validation for addresses that may happen to circumvent the UI.</li><li>• Create the end-to-end testing suite for our invoice generation logic. This was needed for controls related purposes and to further validate the accuracy of our Billing system's logic.</li><li>• Defined SLOs and created SLIs using PromQL and Grafana for all Billing services.</li></ul> |                        |                         |
| <b>Software Engineer (Search &amp; Data Science)</b>  | <b>Publicis Groupe</b> | <b>3/2017 - 4/2018</b>  |
| <ul style="list-style-type: none"><li>• Lead a team of Data Scientists to build fast and efficient data collection tools.</li><li>• Re-built tool that scraped Instagram location data from posts. Using docker, k8s and a python yaml generator to automate the deployment of these jobs, cutting time from days to minutes.</li><li>• Built admin web application and survey web application. Decreased the time for an Analyst to generate a user facing survey web application, from 2 hours to 6 minutes.</li></ul>  |                        |                         |
| <b>Software Engineer I (Signals Intelligence)</b>   | <b>Raytheon</b>        | <b>2/2016 - 3/2017</b>  |
| <ul style="list-style-type: none"><li>• Obtained a Top Secret Security Clearance to work with classified Signals Intelligence data.</li><li>• Presented and wrote a white paper on containers and orchestrators.</li><li>• Created documentation/tutorial for setting up a docker ready environment in RedHat.</li><li>• Wrote Puppet modules w/ RSpec tests, to support the porting over of our applications and dependencies to AWS.</li></ul>  |                        |                         |

**Application Developer Intern**  
**Tech Engineer Intern**

**Nestle Waters**  
**KPMG**

**9/2015 - 12/2015**  
**6/2015 - 9/2015**

**ORGANIZATIONS AND CLUBS:**

**Member of Kubernetes NYC Meetup Group**

**Member of Princeton, NJ Python Meetup Group**

**Founding/Former President of Computer Science Club:** Founder and Former President of St. Thomas Aquinas College Computer Science Club/ ACM Student Chapter.

**EDUCATION:**

**Bachelor of Science in Computer Science, January 2016**

St. Thomas Aquinas College, Sparkill, NY

**ONLINE PRESENCE:**

<https://www.jeremylmorris.com/projects/>

<https://twitter.com/morrislaw93>

<https://github.com/MorrisLaw>

<https://www.digitalocean.com/community/users/jeremylevanmorris>