

## Skills

### Languages

- 10+ years using Haskell, Python, Bash/Shell
- 7+ years of professional experience using Ansible, very comfortable with associated tooling (Ansible Tower, AWX)
- 5+ years of professional experience using Terraform (since 2017, pre-0.12)
- Very familiar with Rust, Javascript, Racket, Java, C, Clojure, Common Lisp, Ruby
- ~72 owned repositories at <https://github.com/djanatyn>; <https://gist.github.com/djanatyn>
- nixos/nixpkgs maintainer, ~12 packages (Rust, Python, C, C++): <https://repology.org/maintainer/djanatyn@gmail.com>
- Proven track record of picking up new languages quickly, documenting their tradeoffs, and establishing conventions + standards for usage on a team

### Software + SaaS

- 10+ years experience administering a variety of Linux distributions, including NixOS, RHEL, CentOS, CoreOS, Fedora, Debian, Arch Linux, Ubuntu
- 8+ years administering AWS infrastructure. Successfully transitioned on-prem installations to AWS across multiple organizations
- 6+ years administering Google Compute Engine infrastructure (including GKE)
- Deep personal and professional experience with git, systemd, docker, Apache, nginx, openssl/gnutls, MySQL/MariaDB, haproxy, yum

## Work Experience

### American Eagle Outfitters

Systems Engineer (December 2016 - January 2022)

- Built relationships with technology teams across the organization, working to understand needs, improving efficiency of code lifecycle and promotion pipeline
- Installed, patched, maintained, and upgraded diverse infrastructure including Atlassian Bamboo, Bitbucket, Concourse CI, JIRA, JFrog Artifactory, Pivotal CloudFoundry, F5 BIG-IP LTM
- Developed and maintained continuous integration pipelines for applications and provisioned infrastructure, empowering teams to create pull requests to apply changes, using Python, Bash, Rust, Haskell
- Worked in multidisciplinary team for initial deployment of eCommerce API Gateway, solving performance and reliability problems along the way
- Used Terraform to provision cloud environments, developing modules for different components of American Eagle infrastructure on AWS, GCP, GKE
- First responder for on-call rotation, addressing production AE.com issues, failures in build + deployment automation
- Used Terraform + Bamboo to create self-service "ephemeral environments" - when any UI developer opens a pull request, a new environment is launched, the new code is deployed, a DNS record is set up, the developer is sent a link to the live environment on their pull request to validate
- Received many awards and nominations from peers and managers, including 2019 Eagles Elite "in recognition of your determination to go above and beyond at AEO and exemplifying innovation and teamwork"

# Industry Weapon

Contractor (December 2015 - June 2016)

- Evangelized greater use of version control, unit tests, documentation among my teams, resulting in a self-hosted gogs (go git service) instance (eventually was used by all development teams)
- Developed and shipped many custom software integrations for our digital signage platform using modern development practices to meet customer needs, regularly automating time-consuming parts of the development process
- Used Flask to develop secure, RESTful APIs with token-based authentication to serve as a backend for web applications
- Automated deployment process for Python applications using single executable with dependencies and application code self-contained inside
- Identified, documented, began discussions about RCE vulnerabilities in core parts of our codebase
- Worked with other developers to fix bugs in a decade old PHP web application using Bugzilla

## Cytobank

System Administrator (January 2014 - August 2015)

- Used Puppet and Ruby scripting extensively to automate configuration of dev and prod servers
- Participated in regular on-call rotations, responded to production outages
- Worked on a team of 3 to facilitate migration of customers from physical OpenVZ hosting provider to AWS, organizing downtime, executing migration for most hosts
- Educated rest of team on infrastructure through meetings, recorded videos, thorough documentation

## Carnegie Mellon University

Intern (Pittsburgh Supercomputing Center) (Summer 2013)

- Installed, configured, documented tools to run on the Galaxy bioinformatics web platform
- Profiled Trinity RNA-Seq assembler on high performance supercomputers using Perl
- Presented research from profiling at two conferences, GLBIO 2013 + Duquesne Summer Undergraduate Research Symposium
- Assisted with Python classes during summer bioinformatics workshop for minorities (PSC MARC Workshop 2013)

## Google Code-In 2012

Participant (Summer 2012)

- Wrote tests for bug reports for the perl6 interpreter
- Revamped perl6 FAQ page to match the rest of the site

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**(this resume built with...)**

- ghc 9.0.2 ( 6554ff2843d53dddeb875cb145ab892725eac54c )
- nixos/nixpkgs foo
- dhall-1.39.0
- blaze-html-0.9.1.2