

# Paul Benoit

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## EDUCATION

**The University of Texas at Austin**

May 2015

**Bachelor of Science and Arts in Computer Science**

- GPA – 3.27; Business Foundations Certificate: McCombs School of Business

## SKILLS

**Languages:** Ruby, Java, Python, Shell Script, JSON

**Technologies:** Linux, CentOS, OS X, Windows, IntelliJ, MySQL Workbench, AWS (R53, S3, ECS, SQS, SNS, Cloudwatch, EBS, EC2, RDS, ELB, ALB, Lambda), AWS Associate Architect Certification, Digital Ocean, Terraform, confd, Vault, Chef, Ansible, Jenkins, Agile, Github, Docker, DataDog, Graphite/Grafana, Atlassian, Maven, Tomcat

## EXPERIENCE

**Forcepoint, Austin, TX**

December 2018 - Present

*Site Reliability Engineer III*

- Completely transitioned AWS infrastructure/reliability efforts from Israel to the US team - Adding automation, continuous deployment, and a cleanup process.
- Led the effort to move Incapsula load balancers to AWS Network and Application load balancers.
- Coordinated with an Application Engineering team to move their EC2-based application to Lambda/Kinesis/Redis/EC2 for better use of the AWS platform.
- Rebuilt our CASB product gateway – moved from legacy shell scripts to Terraform.
- Developing a solution for FIPS compliance in AWS GovCloud alongside the AWS commercial platform.
- Support a 24x7 on-call schedule across the world.

**Pearson, Austin, TX**

June 2015 – December 2018

*Software Developer (Site Reliability Engineer)*

- Developed new solutions for specific internal customers using Chef, Terraform, and Docker
- Managed new customers and their migrations from legacy on-site systems to full AWS integration while converting their application to Docker containers, which involves understanding many types of applications. This helped reduce cost for non-production and production environments
- Migrated systems from AWS EC2 based database solutions to RDS
- Created custom plugins and scripts for Jenkins to help provide scheduling and authorization
- Maintained services once they are live by measuring and monitoring availability, latency and overall system health.
- Communicated with internal customers about feature release dates and planning production outages accordingly
- Consistently checking the progress of teams to be sure they are adhering to safe encryption standards
- Mentoring/leading new team members for specific products and an on-call rotation
- Leading the transition from microservice implementation of ZUUL(dynamic routing) to full AWS ALB integration, eliminating previous downtime
- Program simple Lambda (serverless) functions in Python to execute scheduled actions within AWS

**Pearson, Austin, TX**

January 2015 – May 2015

*Software Development Intern*

- Provisioned environments in AWS cloud, building everything in Chef and Ruby
- Leveraged Consul to create a highly distributed and available system

**Walmart Corporate, Bentonville, AR**

May 2014 - August 2014

*Software Development Intern*

- Implemented REST interface to stream large files to cloud-based service(Openstack/Swift) that improved performance on average by over 20x
- Created multi-threaded, multi-server application to test performance of interface leveraging Graphite metrics collection framework.
- Documented all work and made documentation available to Walmart developers

**Rackspace Hosting, Austin, TX**

January 2014 - May 2014

*Software Development Intern II in Cloud Feeds Department*