Braxton **Ehle**   *Security Engineer*

Experience

SENIOR PRODUCT SECURITY ENGINEER TABLEAU   2017-08 TO PRESENT

I'm currently focused on securing Tableau's customer-facing, production services.

Key Accomplishments:

- Architected and leading a cross-company production access management deployment

- Conducted numerous security reviews of new features and infrastructure changes; standardized process with SLAs reducing time to close by 79%

- Represented security on multiple cross-company advisory groups; taught operational security principles at an lead engineers' offsite; twice spoke at Tableau conference

- Wrote a security "state of the union" report reviewed by C- and VP-level executives that was used as the foundation for creating the Tableau Online security program

- Built a static analysis tool for Terraform to identify security issues in the CI/CD pipeline

INFORMATION SECURITY ENGINEER TABLEAU   2014-12 TO 2017-08

Within Tableau's Information Security team I was responsible for operational security. I primarily worked with the teams running our corporate systems to ensure they were adequately secured, and lead security incident response.

Key Accomplishments:

- Redesigned and implemented the corporate Public Key Infrastructure (PKI)

- Managed the corporate Single Sign-On (SSO) identity platform, OneLogin

- Defined first standards for secure AWS usage across the company

- Built security review, incident response, and risk tracking processes

EC2 SECURITY ENGINEER AMAZON WEB SERVICES (AWS)   2012-10 – 2014-11

As a security engineer for one of the largest cloud providers in the world, I was responsible for improving our incident response capability, implementing projects to make AWS' Elastic Compute Cloud (EC2) more secure for our customers, and acting as the EC2 point of contact for the AWS Compliance team. I've learned to build scale into every process, automating relentlessly.

Key Accomplishments:

- Represented EC2's technical controls in four SOC 2 and two PCI audits with no findings

- Automated a manual review process of privileged commands run by EC2 engineers

- Committed over 60,000 lines of Ruby code to automate common incident response, reporting, and abuse case tasks

- Lead calls for security events, working with other service teams to root cause and remediate security vulnerabilities, and drove security work on other team's roadmaps

- Learned and taught my team new log diving techniques leveraging AWS services like Elastic MapReduce using Apache Pig scripts to gain further insight into our environment and to improve our incident response times

SECURITY CONSULTANT ACCENTURE   **2010-08 TO 2012-09**

Working within Accenture's Identity and Access Management (IAM) Security practice, I designed and implemented enterprise-wide security technologies such as endpoint protection and PKI. I was part of a small group working directly with the CISO of a civilian federal department. Through my time with Accenture, I've learned how to quickly build relationships, learn security technologies, and apply them to meet the business and compliance needs of a large organization.

Education

University of Washington, Seattle, WA – BS, Informatics   **2010**

Clark College, Vancouver, WA – Associate in Arts   **2007**

Talks

Securing Tableau Online: Protecting Data as a Service - Tableau Conference 2019

Data-driven Security at Tableau - Tableau Conference 2016

Skills

Programming: Python, Ruby, Bash/Powershell

Systems Engineering: Windows, Linux, Active Directory, Networking, System Design

Security: Threat Modeling/Security Reviews, PKI, Risk Management, IAM, SSO protocols, Secure Architecture, Incident Response, SOC 2