

Executive Summary

Erickson Lau

Education

Technologist

- ◆ B.S. Business Information Technology Major and International Business Minor, Virginia Tech

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Clearance: TS in progress

Certifications

- ◆ **AWS Solutions Architect Associate**
- ◆ **AWS Developer Associate**
- ◆ **Certified Ethical Hacker**
- ◆ **Security+**
- ◆ **ICAgile Certified Professional**

Relevant Experience

Software Engineer, Booz Allen Hamilton

2018 – Present

- Currently supporting Springboot based project with Docker and Kubernetes development/operations.
- Developed a Springboot Java web application that can handle different RESTful API requests
- Employed containerization principles using Docker to increase application resiliency
- Used Kubernetes to orchestrate the configuration and deployment of a container-based application
- Architect microservices into the AWS Cloud

Years of Professional Experience

- ◆ 1 Data Visualization
- ◆ 1 Information Technology
- ◆ 1 Web Development

Web Developer, Virginia Tech – College of Business

2017 – 2018

- Developed and maintained pages for multiple Pamplin websites via PHP, HTML, CSS, and JavaScript
- Utilized WordPress to integrate design and functionality across 12 department websites.
- Maintained databases across multiple organizations within Pamplin College of Business

Strengths

- ◆ Web Application Development
- ◆ DevOps
- ◆ Cloud Architect
- ◆ Cyber Security

Global Public Sector IT Advisory Intern, Grant Thornton LLP

2017 – 2017

- Worked directly with client IT budget execution director (GS-15) at Veteran's Affairs (VA) Central Office
- Developed and implemented dynamic and filter enabled Tableau and MS PowerBI dashboards, expenditure reports, and Excel VBA automations to modernize the VA's ability to track 142 congressional projects and over \$4.8 billion through visual comparison of department accounting data, the OI&T spend plan, and the Presidential budget
- Identified over \$1.5 billion variance (unused funds) within the VA IT budget
- Assisted with Grant Thornton senior associate-level internal tasks utilizing IBM Cognos, including competitor profiles for contract proposal, presentations to senior leadership, project management tasks, and a white paper for corporate review

Tool Expertise

- ◆ JavaScript, HTML, CSS, PHP
- ◆ Bash, Terminal, Putty
- ◆ SQL, Tableau, Power BI
- ◆ Kubernetes, Nginx, Docker, Container
- ◆ Jenkins
- ◆ Springboot
- ◆ Nessus, Maltego
- ◆ AWS, VPC, EC2, S3, IAM, CloudWatch
- ◆ Windows, Linux, MacOS
- ◆ Java, Python

Performance Summary

One internship focusing on configuring cisco routers and network security. Another internship focusing on Information Technology Consulting using data visualization tools, and automate processes. Performed web development using HTML, CSS, JavaScript, and PHP.

Data Process System Analyst Intern, Hawai State DOE

2016 – 2016

- Provide and monitor internet connection for 255 public schools
- Configure Cisco router and switches