

Asare Nkansah

Problem Solver with a Hunger to Learn

630-429-6326 | asareknkansah@gmail.com

Personal Website: <https://asarenkansah.github.io/asare-portfolio/>

EDUCATION

University of Kentucky

Bachelor of Science in Computer Science

Lexington, Kentucky

Aug. 2015 - May 2019

WORK EXPERIENCE

Planview Inc.

Platform DevOps Engineer

Austin, TX

Nov. 2020 – Now

- Architected and built continuous development pipeline and infrastructure to support all cross-product platform applications/services by employing **ArgoCD** and **Kubernetes**
- Directed two separate company initiatives to rebuild out of date cloud infrastructure by leveraging **Terraform**, **CloudFormation**, **Kubernetes**, **Helm/Kustomize** and **GitHub Actions** capabilities
- Led international Dev/DevOps team project to integrate **MySQL** database with Slack chat platform to empower customer facing employees to create their own queries with proper governance
- Handled **Linux System Administrative** duties to troubleshoot backend issues with product while automating manual tasks/fixes using **Ansible** and **Rundeck**

University of Kentucky

Salesforce CRM Integration Engineer

Lexington, KY

Feb. - Nov. 2020

- Developed ETL Python script that increased efficiency by 240%
- Founded the UKY Salesforce Club to promote CRM implementation and educate students/staff

Technical University of Berlin & Reiner Lemoine Institute

Sustainable Energy Workshop

Berlin, Germany

August 2019

- Presented proposal to potentially help bring a sustainable source of energy to the people of rural Nigeria, the majority of which are currently without a reliable electric power source
- Identified social costs and proposed subsidizing solar home systems to bridge economic gap

Apple Inc.

Enterprise Design Lab

Cupertino, CA

May – Aug. 2019

- Consulted in Apple's lab in Cupertino assisting the University of Kentucky (UK) design an iOS App
- Delivered motivational presentations focused on the App to 10,000 people over four weeks

University of Bordeaux

Groupe Chimie Théorique et Modélisation

Talence, France

May 2018 – Aug. 2019

- Presented research at international conference in Toulouse, France to over 200 attendees
- **Published Research:** "Simulation of the Electronic Properties of Group 14 Phthalocyanine"

Argonne National Laboratory: US Department of Energy

High-Performance Computing Division

Chicago, IL

May 2017 - Aug. 2017

- Utilized parallel computing to improve the overall efficiency of complex theoretical simulations
- **Published Research:** "Path from Serial Execution to Hybrid Parallelization for Learning HPC"

Skills

Technical Tools: Linux Admin, Terraform, Docker, Kubernetes, Helm, Kustomize, Python, ReactJS, Datadog, Sumo Logic, MySQL, AWS, Rundeck, Github Actions, GraphQL, ArgoCD, API Gateway