Jeffrey C Hui

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Professional Experience –

Stanford University | Cloud Operations Analyst, Technology Consulting Group (TCG)   11/2019 - Present

- Provided AWS consultations and collaborated with Stanford teams to define and document infrastructure requirements, resulting in aligned and effective architectural planning for various applications.
- Engineered an immutable deployment solution using Elastic Beanstalk, integrating CI/CD practices and decoupling.
- Implemented cost-saving measures, including RIs, SPs, CUDs, VM family updates, instance right-sizing, disks, etc.
- Created client-facing dashboards for utilization and cloud spend; analyzed the benefits of amortizing RI purchases.
- Created cost estimates and set budget alarms for cloud deployments, preventing overruns.
- Evaluated client data to select vendors and storage classes; applied lifecycle rules for cloud-native solutions, resulting in efficient data management and cost-effective solutions.
- Created and configured hundreds of hardened AWS accounts using SCPs via AWS Organizations.
- Streamlined multi-account access via switch roles, resulting in enhanced security and efficiency in Cloud Ops.
- Remediated security-related incidents for multi-cloud accounts via GuardDuty and Wiz findings.
- Performed package upgrades and monthly security updates using automation for Linux and Windows VMs.
- Configured and resolved technical SAML issues for various SaaS integrations with the Stanford SP database.
- Managed university-wide endpoint backup service with ~20,000 users and trained support personnel.
- Document systems infrastructure and management of the team's SaaS products via runbooks.

UCSF Mission Center Building |Enterprise IT Cloud Analyst Intern   01/2019 - 09/2019

- Deploy a centralized logging system in AWS using Terraform.
- Managed Drupal websites for a variety of UCSF websites.
- Handled AWS billing and purchased Reserved Instances / Savings Plans for the CCoE group within central IT.

UCSF Parnassus Campus |IT Field Service Intern   10/2018 - 12/2018

- Assist IT field service technicians with computer deployments, shadowing on break-fix tickets in the field, and using IT Service Management software to document the delivery of IT services to our customers.

Technologies and Skills –

- Data Visualization & FinOps Tools: QuickSight
- Automation Tools: Terraform
- SaaS: CloudCheckr, Cloudability, Site24x7, Wiz, Wasabi, CrashPlan (Code42), Qualys, OpsGenie, ServiceNow, Jira, Atlassian, Vault, BigFix, SCCM, Slack, HubSpot, Slab, Airtable, 1Password, GitLab, GitHub, Splunk

Certifications –

- FinOps Certified Practitioner   Jul '24
- FinOps Certified Engineer   Aug '24
- FinOps Certified FOCUS Analyst   Aug '24
- AWS Certified Solutions Architect (SAA-C01)   Mar '19
- Microsoft Certified: Azure Fundamentals   Aug '24
- Google Cloud Digital Leader   Aug '24
- AWS Certified Cloud Practitioner (CLF)   Dec '18

Education –

- University of California, Santa Cruz, B.S. Computer Science: Computer Game Design   06/2018