Keaton **Hutto**

Longview, Texas

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Summary

Software Engineer and student at the University of Colorado Boulder, pursuing dual Master's degrees in Computer Science with a specialization in Artificial Intelligence and Quantum Computing, and Electrical Engineering with a focus on Embedded Systems and Robotics. I have a strong foundation in software development, AI, and hardware integration, with a passion for innovative solutions and cutting-edge technologies.

Work Experience

Parsons Corp *Remote, USA*
Geospatial Software Engineer *2022-2024*

CCI *Longview, TX*
Controls Engineer *2018-2019*
- Everything that matters.
- Designed and provisioned the entire infrastructure on the AWS cloud to meet security compliance and acquire a business license for financial services in Korea.
- Continuously improved the infrastructure architecture since launching the service. (currently 3.6 million users)
- Established a standardized base for declarative management of infrastructures and service deployments, enabling operational efficiency and consistency. Over 90% of AWS resources were all managed through standardized terraform modules. All add-ons and service workloads on the Kubernetes cluster were managed on a GitOps basis with Kustomize and ArgoCD.
- Saved over 30% of the overall AWS costs by establishing a quarterly purchasing strategiy for RI (Reserved Instance) and SP (Savings Plan) and by introducing Graviton instances.
- Established a core architecture for regulating of outbound DNS traffic in multi-account and multi-VPC environments utilizing AWS Route53 DNS Firewall and FMS. This significantly increased the level of security confidence in the financial sector's segregated environment.
- Introduced Okta employee identity solution in the company, establishing security policies and configuring SSO integration with over 20 enterprise systems including AWS, GitHub, Slack, Google Workspace. Set up a Hub and Spoke architecture, enabling a collaborative account structure with the parent company, Daangn Market.

Norris Cylinder *Longview, TX*
Industrial Automation Tech *2018-2018*

Education

University of Colorado

M.S. Computer Science

University of Colorado

M.S. Electrical Engineering

University of Texas

B.S. Computer Science

Kilgore College - Texas

A.A.S. Instrumentation and Electrical Technician