Steven Hanna

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Software engineer passionate about computing, design, and customer sucess. Strong interpersonal skills for working in a team and successfully shipping products.

Employment

Splunk Inc   **Denver, CO**
Senior Software Engineer - Demo Infrastructure   *May 2020, Current*

Built and scaled a platform that allows internal users to provision infrastructure to demo the many use cases that Splunk offers. Worked across many different teams to onboard new products onto the demo platform shortening the sales motion and driving customer adoption. Special consideration was taken place to mitigate cost, as well as support usecases like colocated data generation, multiregion failover and disaster recovery, worldwide customer / latency requirements, and intelligently minimizing costs through various AWS tools. I originally bootstrapped the product myself before we were able to hire 5 more engineers who I lead to improve the product. The platform routinely handles between 20,000 and 50,000 new demos every month depending on traffic.

Splunk Inc   **San Francisco, CA**
Forward Deployed Software Engineer   *January 2019, May 2020*

FDSE's are developers who are paired with account teams in order to build prototyped solutions, complex workflows, and data integrations. Working closely with Sales Engineers, FDSE's are focused on accelerating opportunities, unlocking stuck customers, and increasing adoption of the Splunk platform. As a FDSE, I learned, integrated and deployed various aspects of the Splunk architecture while integrating custom solutions for internal teams throughout Splunk, impacting over $100m in revenue. `http://splunk.com/`

Technical and Personal skills

- **Programming Languages:** Proficient in: Java, JavaScript, HTML, Node.js, Git, CSS, Python, Rust, Go, React, Vue, Swift UI, iOS Development, Terraform
  Also basic ability with: C++, Bash, Android Development, SQL
- **Technologies:** AWS Suite (EC2, ECS, ECR, S3, SQS, Kinesis, Athena, Cloudtrail, CloudWatch, Lambda, RDS, CloudFront, Chime, Batch), GCP (Compute, Storage, PubSub), Docker, GitHub, GitLab (CI tooling)

Education

Academic Qualifications

Syracuse University College of Engineering and Computer Science   **Syracuse, NY**
Computer Science, Renee Crown Honors   *2015 – 2018*
GPA: 3.482 / 4.0
Deans List - Fall 2015, Spring 2016, Spring 2017, Fall 2017, Spring 2017, Fall 2018

Relevant Coursework

- **Data Structures:** Abstract Data Structures, Algorithm Analysis, Object-Oriented Programming in Java
- **Intro. Object Oriented Design:** Fundamental software design concepts of functional decomposition and object-oriented design in C++
- **Software Specification and Design:** Software requirements analysis, development of specification, and specification documents
- **Programming Languages, Theory and Practice:** Environments, stores, scoping, functional and imperative languages, modules, classes, data encapsulation, types, and polymorphism
- **Computer Organization and Programming Systems:** Assembly language, computer organization and architecture
- **Software Implementation:** Implementation and extended development of software systems
- **Analysis of Algorithms:** Dynamic Programming, algorithm efficiency, graph theory
- **Operating Systems:** Kernels, file systems, memory allocation techniques
- **Access Control, Security and Trust:** Ensuring access, virtualization, proving safe systems