Jaryd Saevitzon

(818) 667-1998 | jsaevitzon@g.ucla.edu

EDUCATION

University of California, Los Angeles   Graduated: June 2018
Bachelor of Science in Mathematics of Computation   Dean's List

PROFESSIONAL EXPERIENCE

Splunk
Software Engineer • Splunk Cloud • San Francisco, CA • December 2019 - Current
- Designed and developed a reverse proxy in native AWS which allowed customers to gain instant access to customized support, projection to save greater than $50 million ARR
- Utilizing kubernetes, docker, golang, and AWS, developed and delivered a RESTful storage service from the ground-up which allowed for storing of static objects
- Re-architected the AWS infrastructure of Splunk's external website, reducing daily downtime by greater than 70% and reducing 500 error codes by greater than 90%
- Worked with leadership to create a new team, establishing charter, standards, processes, and documentation

Amazon Web Services
Software Development Engineer • AWS • Seattle, WA • August 2018 - November 2019
- Developed an application to aggregate, calculate and export ~10,000 lineitems/second, reducing the overall time it takes to export all AWS Bills by ~30%
- Designed and developed a system using AWS Lambda and DynamoDB, which enabled the customization of ~300,000 event-driven emails per day
- Designed and implemented an application using AWS Step function and S3 to determine impact and make smart automated decisions around retries, reducing the need for engineer intervention
- Researched and wrote a report on an outage that affected ~100,000 customers. The report resulted in a reduction of outages experienced, and was used as a standard for all similar reports by ~10 teams

Amazon.com
Software Development Engineer Intern • Seattle, WA • June 2017 - Sept. 2017
- Worked on the design, implementation, and analysis of fraudulent activity detection algorithms, defining a new confidence interval that identified previously unsuspected activity as fraud
- Developed a synchronized method using caching and a gossip protocol to route event sourced commands to hosts

Pxl.com
Developer Intern • Los Angeles, CA • Summer 2013, 2014
- Assisted in the back-end development of one iPhone Application
- Conducted extensive debugging, unit testing, and QA of all websites

SKILLS

Languages: Java, Go, C++, C, Python, SQL, Bash, Groovy, HTML

Technologies: AWS, REST, Kubernetes, Docker, Git, CICD, Unix, Linux, SQL, NoSQL, Splunk