

Daniel Rutledge

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I'm exploring different kinds of technical roles that leverage my deep technical knowledge in building and scaling products, my experience leading teams, and my strategic acumen

EXPERIENCE

Cloudera

Senior Software Engineer, Shared Data Experience

February 2021 - December 2022

- Integrated products from the big 3 cloud providers (AWS, Azure, GCP) to provide highly available services and features to multicloud customers
- Led team to plan and deliver datalake migration feature, unlocking scalability options for customers and saving downtime maintenance and reducing the need for operational experience
- Designed new interview process to improve candidate experience and expand talent pool internationally
- Mentored interns and new hires, accelerating onboarding processes and improved return offer acceptance rate

Co-Chair, Americas, Cloudera Cares

- Led process for design and implementation of international Social Corporate Responsibility plan
- Organized Cloudera's Texas-wide day of service and designed service projects for colleagues to spread awareness of how engineering skill sets can be used to benefit the broader community

DISCO

Software Architect, Document Subsystem

May 2019 - October 2020

- Evolved backend architecture to promote quick heavy processing of documents on upload with fast mass retrieval, to improve the users' most common workflow
- Overhauled multithreaded job queuing system built in Python/Celery framework reducing latency 2x
- Implemented relational database for terabyte datasets resulting in billions of relationships
- Expanded internal tool systems to provide data access to decision makers company-wide

Apple Inc.

Software Developer, CloudKit Team

Feb 2015 - April 2019

- Designed and built privacy-conscious APIs for the Apple News App/Stocks App backed by multi-datacenter Cassandra, memcache, solr clusters, serving millions of articles every second
- Migrated legacy applications to internal Kubernetes-equivalent
- Led system heap analysis reducing fleet-wide memory usage by 120TB
- Used Edge PoP to deliver content faster while reducing server load by a third
- Scaled for Push Notifications Centric Traffic to handle 100s of millions device traffic spikes
- Coordinated features across four engineering teams to reduce publishing latency
- Built and served as maintainer for base cloud framework library used by hundreds of other projects
- Created company-wide resource to auto-capture and preserve iCloud TB of logs related to issues

Software Developer Intern, CloudKit Team

Jun 2014 - Aug 2014

- Prototyped a background records sweeper to process offline jobs

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The University of Texas at Austin

Teaching Assistant, Operating Systems

Jan 2014 - Dec 2014

- Led discussion sections, created automated grading solutions, held office hours, and mentored students for a class of over 200

Amazon, AWS

Software Developer Intern

Jun 2013 - Aug 2013

- Worked as a part of the AWS OpsWorks Team, a configurable DevOps tool for managing lifecycle events
- Integrated AWS services to provision AWS resources from Chef

Pason Offshore

Software Engineer Intern

Jun 2012 - Aug 2012

- Created tool for oil well operators that predicted ground formation maps using digital signal processing and dynamic programming

COMMUNITY ENGAGEMENT

Austin Young Men's Business League / Austin Sunshine Camps

2019 - Present

Vice President of Operations, Board of Directors

- built from scratch team of 5 technical volunteers, introduce software best practices into a 100 year old organization
- Reduced YMBL technical spend by 50% consolidating systems, while maintaining institutional knowledge
- Raised \$15k annually towards sending children to camps, volunteered 100+ hours during summer camps annually
- received 2020 Man of the Year award

Austin Monitor

2021 - Present

Board of Directors

- Transitioned the readership to free/no-paywall model moving from subscriptions to donation model
- Introduced engaged community members to advocacy council to advise on community input and sustained giving program
- Product Fit and Audience Committee - evaluate technical and readership direction

EDUCATION

The University of Texas at Austin

Computer Science, Bachelor of Science

2011 - 2014

Relevant Coursework: Honors Operating Systems, Distributed Systems, Networking

- Founded Texas Lambda Alpha Nu, a co-ed fraternity for students interested in technology
- Director, for all four years of undergrad, of the Turing Honors Student Scholars Association