

Daniel Rutledge

jobs@yg.gd | www.linkedin.com/in/daniel-rutledge

EXPERIENCE

DISCO

Austin, TX

Software Architect, Document Subsystem

May 2019 - October 2020

- Evolved backend architecture to promote quick heavy processing of documents on upload with fast mass retrieval
- Entirely revamped multithreaded job queuing system built in Python/Celery framework reducing job latency by 2x
- Relationship database for terabyte datasets resulting in billions of relationships
- Expanded internal tools systems to provide data access to decision-makers company wide

Apple Inc.

San Francisco, CA

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
- Co-ordinated features across 4 Engineering teams to reduce publishing latency
- Build/Maintainer for base cloud framework library used by hundreds of other projects
- Created company wide resource to auto-capture and preserve iCloud logs related to issues

Software Developer Intern, CloudKit Team

Jun 2014 - Aug 2014

- Prototyped a background records sweeper to process offline jobs

The University of Texas at Austin

Austin, TX

Teaching Assistant, Operating Systems

Jan 2014 - Dec 2014

- Responsible for discussions, lecture sections, grading, labs, office hours for a class of over 200 students

Amazon, AWS

Seattle, WA

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 another AWS service that provisions AWS resources from Chef

Pason Offshore

Houston, TX

Software Engineer Intern

Jun 2012 - Aug 2012

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

EDUCATION

The University of Texas at Austin

2011 - 2014

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Computer Science, Bachelor of Science GPA 3.55

Relevant Honors Coursework: Operating Systems, Distributed Systems, Networking

ACTIVITIES

Austin Young Chamber

2019 - Present

- Organized policy priorities for the chamber's vision of Austin as the vice-chair of the Economic Development Committee

Austin Young Men's Business League

2019 - Present

- Helped organize various fundraising and social activities
- Chair of Technology, 2021

I Live Here I Give Here Board Internship Program

Texas Lambda Alpha Nu

- Founder, Mentor
- Started a co-ed fraternity for students interested in technology
- guided members through their year-long capstone projects

2014 - Present

Turing Scholars Student Association

2011 - 2014

- Served in numerous leadership roles for the CS Honors Program of ~250 students

HackTX

2013 - 2014

- Countdera javascript mapReduce engine built to run on websites
- DwopBox A browser-based peer-to-peer file sharing ad-hoc network