CHRISTOPHER J. BURESCH

Preferred Name: Cj ⋄ he/him ⋄ Senior Software Engineer ⋄ Seattle, WA

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OBJECTIVE

Seeking to join a team focusing on product backend, platform, or infrastructure development. I enjoy providing massively distributed, highly available and fault-tolerant services to internal customers and working on every part of it from the metal up.

SKILLS

Proficient Languages:	Scala, Java, Python, C#, SQL
Relevant Experience:	MapReduce, Airflow, Hadoop, Docker, K8s
Learning Languages:	Rust, Go

EXPERIENCE

Senior Software Engineer — Sept 2022 - Nov 2022

Blobstore (Distributed BLOB Storage), Twitter, Inc. — *Seattle, WA*

- Designed and implemented a new chargeback model and service for Blobstore which gave customers a more granular and accurate understanding of their app use-case over time.
- Wrote a new compliance service which would cut user access or delete out-of-compliance datasets based on signals from the InfoSec or Legal team.
- Maintained anti-entropy services and tooling, processed large datasets in multi-step pipelines to handle

Site Reliability Engineer II — Software Engineer II — Dec 2018 - Sept 2022

Blobstore (Distributed BLOB Storage), Twitter, Inc. — *Seattle, WA*

- Designed and built a topology-aware cluster locking service to ensure automation and deploys could operate in parallel without affecting service health. This unlocked other opportunities like automated deployments, which increased release cadence from monthly to weekly.
- Wrote compliance automation for kernel and firmware updates using Airflow as an orchestration engine. Rolls 8k machines across multiple datacenters in less than 30 days with no manual intervention.
- Migrated multiple services from baremetal to Aurora (Mesos) compute clusters to ease operational burden and to improve development velocity.
- Responsible for service monitoring and tooling, system health, system config, load testing, capacity planning and oncall.

Microsoft Corporation - Software Engineer — Aug 2015 - Nov 2018

Dynamics, — *Seattle, WA*

- Part of a Switzerland-based infrastructure team providing a t that was integrated into Dynamics. Managed multiple Elasticsearch clusters, wrote and maintained operation tooling.

EDUCATION

Bachelor of Science, Computer Science — 2011 - 2015

Gonzaga University — *Spokane, WA*

Clubs and Activities

Men's Rowing, Div. 1 *2011-12*	ACM ICPC, PNW *2012, '13, '14*
Computer Science Club *2012-15*	Math Club *2013-15*
Cycling Club *2013-15*	WSU Hackathon *2015*

Achievements
3rd On-Site, ACM ICPC (PNW) *2013, 2014*

LEADERSHIP

- Mentored 3 new graduate hires and interns. Held bi-weekly or weekly 1:1's to help them ramp up into Twitter Engineering.

- Ambassador for Twitter Seattle 2021-2022. Responsible for planning holiday events, creating opportunities for colleagues to socialize, assisting onsite operations management.

EXTRA-CURRICULAR ACTIVITIES

- Avid Mountain Climber! Summited Mt. Baker, Mt. Shuksan, and Mt. Hood.

- 3d Printing enthusiast! I solve my everyday problems with plastic.

- I play tabletop, RPG and video games!