

# Adam James-Liebau Johnson

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## Summary

6 years professional experience and 2 years of tinkering. Extensive experience in privacy engineering and generalist backend engineering. Proficient in developing on top of large-scale distributed systems.

## Work Experience

### Senior Software Engineer - Stripe, Inc.

2018-2022

- Designed and acted as tech lead for format-agnostic data schema annotations  
→ delivered **robust and ongoing compliance** with privacy and data regulations
- Was responsible for the tools used to set and enact automated S3 deletion  
→ **saved \$10+ million USD** in blob storage costs, deleting **400TB per day**
- Drove backfilling ownership metadata for 100+ teams' S3 datalake usage spanning 10+ years  
→ **achieved 90% attribution** of data within 1 year
- Rewrote privacy metadata aggregation service to use company standard rails  
→ **freed 15 hours/week** of bandwidth for other projects due to reduced maintenance burden
- Participated in development and deployment of secure egress proxy infrastructure  
→ **prevents data exfiltration** from internal services
- Was granted elevated reviewer permissions due to feedback quality (top 15%)  
→ demonstrated ability to **raise code quality** of peers
- Interviewed 100+ engineering candidates and provided detailed feedback
- Mentored 3 new grads and 1 intern, helping each to become productive in under 1 month

### Senior Software Engineer - Salesforce Inc

2016-2018

- Scaled some SalesforceIQ services for expected 30x increase in load  
→ allowed **onboarding large customers** from Salesforce to SalesforceIQ products
- Responsible for a majority of the technical GDPR effort for legacy products at SalesforceIQ  
→ ensured **regulatory compliance** with global privacy laws
- Provided critical infrastructure for SalesforceIQ products and services  
→ enabled **continued revenue** from legacy app while migrating customers

### Various Internships

Summers 2012-2015

- Performed bug fixes across the software stack for Ruby on Rails webapps
- Implemented a reverse proxy service with page caching, A/B testing, edge side includes, and rate limiting
- Wrote C89 on embedded devices to mitigate hardware bugs
- Built a proof-of-concept pattern recognition module

**Tyemill**

**RetailMeNot, Inc.**

**Inspectron Tools**

**Accurate Technologies, Inc.**

## Other Activities

**Homebrew Garbage** - <https://homebrewgarbage.com>

TypeScript / Svelte

Tabletop RPG ruleset with character creation and combat management tools

**takeout-travel-history** - <https://github.com/Riizade/takeout-travel-history>

Rust

Tiny open-source CLI for extracting travel history from Google Maps Timeline

**macrobin**

Rust

Input emulation framework with gamepad support, screen-reading, and YAML configuration

**UCAN Mentorship**

Mentored 20+ University of Michigan students via the UCAN mentorship platform.

## Education

**University of Michigan**, Ann Arbor, MI

Graduated August 2016

Bachelor of Science in Engineering in Computer Science