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### **SUMMARY**

5 years of experience as a full-time software engineer in the United States. Strong experience in privacy engineering and generalist backend engineering. Confident in developing on top of large-scale distributed systems.

### **EDUCATION**

# Bachelor of Science in Engineering University of Michigan, Ann Arbor, MI

Major: Computer Science

## RELATED SKILLS

Languages: English (native), Italian (CEFR B2), Japanese (JLPT N2)

**Programming Languages**: (LISTED IN DECREASING ORDER OF EXPERIENCE) Python, Rust, Scala, C#, Ruby, Java, Typescript, C/C++, Golang

Libraries/Frameworks: (LISTED IN DECREASING ORDER OF EXPERIENCE) AWS S3, Flask, Sinatra, Airflow, Apache Cassandra, Redis, PostgreSQL, MongoDB, Apache Spark, Apache Storm, Apache Kafka, Elasticsearch

## WORK EXPERIENCE

## Software Engineer - Level 2 at Stripe

2018 - 2022

Graduated August 2016

- Designed and acted as tech lead for format-agnostic data schema annotations
- Was responsible for the tools used to set and enact automated S3 deletion
- Drove backfilling metadata for S3 datalake via internal tools development
- Rewrote privacy metadata aggregation service to use company standard rails
- Helped build and roll-out secure egress proxy infrastructure
- Was granted elevated reviewer permissions for feedback quality (top  $\sim 15\%$ )
- Regularly interviewed engineering candidates and provided detailed feedback
- Mentored several new grads and one intern

# Member of Technical Staff at Salesforce Senior Member of Technical Staff at Salesforce

2016 - 2017

- 2017 2018
- Provided critical infrastructure for SalesforceIQ products and services
- Helped to scale SalesforceIQ services for expected 30x increase in load
- Was responsible for a large portion of the GDPR effort at SalesforceIQ

### Software Intern at Tyemill

Summer 2015

- Performed bug fixes all over the software stack for various Ruby on Rails apps
- Helped train late-start interns in company software stack and dev practices
- Helped make technology and design decisions for a performance-critical utility

#### Engineering Intern at RetailMeNot, Inc.

Summer 2014

- Implemented a reverse proxy server in Golang
- Features include page caching, A/B testing, edge side includes, and rate limiting

### Software Intern at Inspectron Tools

Summer 2013

- Wrote C89 software on embedded devices to mitigate hardware bugs
- Wrote primarily firmware for automotive diagnostic tools

### Software Intern at Accurate Technologies, Inc.

Summer 2012

- Developed a proof-of-concept pattern recognition module for ATI's Vision client