Stefanie Mikloska

Current Address
Redacted
Toronto, Canada

Contact Information
Cell: **Redacted**
Email: smikloska@gmail.com

Skills

- Experience with Flink, Go, Kubernetes, Dataflow, Spark, Scala, C++, Python

- Version Control: Git (GitHub and Bitbucket), Jira

- Excellent organization and communications skills

- Front-end development: JavaScript, AngularJS, D3.js, jQuery, HTML, SASS, CSS

- Bilingual, English and Croatian

- Leadership skills developed through mentoring

Work Experience

Spotify   May 2020-present
Data Engineer
Stockholm, Sweden & Toronto, Canada

- Maintaining and producing new company key metrics that are used to evaluate the overall health of the company.
- Writing distributed data pipelines in Scio that run on GCP Dataflow. Making use of GCP BigQuery to validated pipeline outputs and guarantee data quality.
- Transitioned to data platform team developing Flink on Kubernetes alternative to Dataflow. Ensured the platform was ITGC was compliant allowing 30% of Dataflow costs to be migrated to the cheaper platform.
- Developed a GO metric aggregator deployed as a DaemonSet inorder to pre-aggregate metrics before storing in the GCP monitoring backend. Allowing to scale our platform further and continue to support all the workflow metrics users need to optimize their workflows.
- Introduced log collection rate limiting to prevent spikes of $20k+ when users would forget to remove debug logging.

Shopify   April 2017-April 2020
Data Engineer
Toronto, ON

- Migrated spark applications to run on Dataproc, a GCP hosted Hadoop cluster
- Worked on replicating our data extraction pipeline in a Canadian GCP region, in order to comply with data sovereignty laws for regulated industries

- Mentored intern on how to improve our spark resource allocation algorithm for Kafka extraction jobs
- Helped design and implement process to remove data that could contain personally identifiable information in preparation for GDPR and CCPA

University of Waterloo   May 2016-August 2016
Undergraduate Research Assistant
Waterloo, ON

- Worked on the initial development of the audio-annotator, a web interface that allows users to annotate sound clips

Facebook   January 2016-April 2016
Software Engineering Intern
Seattle, WA

- Worked on search engine optimization for Facebook's Groups team
- Conducted experiments on different search engine optimization techniques and monitored their impact on referral traffic from search engines

Instagram   May 2015-August 2015
Software Engineering Intern
Menlo Park, CA

- Worked on Instagram's Datagram team to improve the most similar users feature
- Used C++, HiveQL, python programing languages
- Introduced new scoring features and candidate features to the most similar users ranking algorithm

Sysomos   January 2014-September 2014
Data Scientist Intern
Toronto, ON

- Developed data visualizations for social media influencer graphs using the D3.js library
- Worked as a front-end developer on the Sysomos Audience project, a web application that allows clients to generate lists of topic specific influencers on social media
- Contracted for the month of September to transition the Sysomos Audience project over to a new team

Education

Bachelor of Mathematics, Co-op.

Computer Science, University of Waterloo, September 2011-December 2016