

GRANT BAKKER

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Work Experience

- Software Developer, **CommerceBear Inc.**
2020-2023, Toronto, Ontario
 - Directly developed new data processing systems for publishing products to e-commerce
 - Create data migrations using SQL and a Javascript ORM
 - Setup integrations with 3rd party e-commerce platforms for automating data transfer
 - Convert svelte frontend to use svelte-kit for build process
 - Maintained AWS infrastructure and Github Action deploy processes
- Software Developer, Spam Team, **Yelp Inc.**
2015-2018, San Francisco, California
 - Worked directly on the review recommendation software
 - Feature streaming and storage system using kafka, redshift and cassandra
 - Added random forest machine learning to legacy heuristic system
 - Aggregate redshift query composition for a new machine learning model
 - Spark computation framework for evaluating machine learned models inside redshift pipeline
 - Migrated map-reduce batch processing to docker, migrated large codebases from python 2 to python 3

Projects

- **BRAMQP**
github.com/bakkerthehacker/bramqp
 - AMQP client for Node.js
 - Dynamically loaded specification allows access to all AMQP methods
- **Both**
bakkerthehacker.github.io/both
 - Python compatibility layer

Education

- University of Waterloo, Electrical Engineering
Graduated with a BAsC in June 2015
 - Dean's Honour List with Distinction

Internship Experience

- Software Developer, **Arista Networks Inc.**
2014, Santa Clara, California
- Software Developer, **Magnet Forensics Inc.**
2013, Waterloo, Ontario