

Brian R. Bagdasarian

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Technical Experience

In Production		In Academics	In Personal & Experimental Projects
Scala	Akka, Apache Spark		gRPC
JavaScript	ES6+, node.js		gRPC
Java		Java 8	
Python		Python 2.7, 3	
Infrastructure & Platform	Docker, Kubernetes, Terraform, Jenkins, git		Prometheus, Loki, Grafana, Istio
Data Transport, Query & Storage	Microsoft SQL Server, MySQL, NATS, Snowflake, S3, Redshift, gRPC	MongoDB	Apache Kafka, Apache Hudi, Apache Hive, Presto, MinIO, Rook, Apache Drill
Cloud	Amazon Web Services, Microsoft Azure, DigitalOcean	Google Cloud Platform	
Productivity	Microsoft Office, Microsoft PowerBI, JetBrains IDEs, Atlassian Platform, GitHub	GSuite	Jupyter Notebooks
Operating System	macOS, Linux (Debian-based), Windows 7+		

Education

New York University	Graduated Fall 2016
Gallatin School of Individualized Study	BA, Politics & Data Science
Courant Institute of Mathematics	Joint Minor, Computer Science & Mathematics
Harvard-Westlake School	Graduated Spring 2013

Experience

Amazon.com – Data Engineer, Alexa Information	May 2020 – June 2020
Supported analytics for question and answer-based data from the Alexa voice assistant	
Nativo Inc. – Big Data Engineer	January 2020 – March 2020
Supported client-facing reporting server in Play Framework and Snowflake	
Automated billing adjustments system in Scala and Spark	

Regent, L.P. – Data Engineer July 2018 – December 2019

Restoring companies to profitability with cloud native technologies
Engineering data platform for shared services on Kubernetes and Apache Spark
Responsible for maintenance of Snowflake data warehouse
Planned and executed retail platform migration

FIJI Water LLC - Data Engineer April 2017 – May 2018

Architected and developed ETL pipeline and data warehouse using Azure Blob Storage, Apache Spark and SQL Server
Automated reporting with and trained teams on Power BI
Contributed to cross-business initiatives and advocated for cloud-native technology in a traditional CPG business

FIJI Water LLC - Sales Analyst Intern Summer 2016

Developed analytics pipeline in SQL Server & Power BI
Consulted on contract management system in SharePoint
Deployed proof of concept application using the Microsoft Business Applications Platform

The Wonderful Company - Sourcing Intern Summer 2015

Consulted on weekly reporting system with SharePoint & SQL Server
Supported Recruiting team in daily activities
Established framework for standard operating procedure documentation

BlueLine Grid - Software Engineer February 2014 - September 2014

Supported iOS app production & deployment process with Git and Jenkins
Developed backend systems with Scala, Akka and MySQL

Open Source

[ahappypie/sol](#)

Kubernetes reference architecture using CNCF tools

[ahappypie/unica](#)

Scalable unique ID generator based on Twitter's Snowflake project

[ahappypie/marschat](#)

API for sending messages based on Earth-Mars light delay

Volunteer Work

89.1 WNYU - Host & Executive Producer October 2014 - January 2017

Westside Family YMCA - Camp Counselor Summer 2011 - Summer 2014