

# Jacob Aronoff

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**EDUCATION** **Northeastern University, College of Computer and Information Science** Aug 2016 — Jun 2020  
Candidate for a Bachelor of Science in Computer Science, GPA: 3.8/4.0 Dean's list

- o CS 3500 - Object Oriented Design
- o DS 4400 - Data Mining and Machine Learning
- o CS 3650 - Computer Systems

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**EXPERIENCE** **Datadog, Software Engineer** May 2017 — Jul 2018  
New York City, New York  
<http://www.datadoghq.com>

- o Built a service that handles with millions of requests per day
- o Developed and maintained multiple Go and Python services
- o Accelerated a portion of the company's infrastructure, solving 50+ customer request tickets
- o Migrated a major pipeline dependency to an autoscaling group, using Kafka 10 for load balancing
- o Moved multiple services to autoscaling groups in AWS, decreasing the amount of outages
- o Generated the first Swift mobile library for the Datadog API, called SwiftDog
- o Created a new Elasticsearch 6 cluster, improving frontend performance

**Bitsight Technologies, Software Engineering Intern** Jun 2015 — Aug 2016  
Cambridge, Massachusetts  
<https://www.bitsighttech.com>

- o Automated customer support by leveraging three separate APIs in a microservice
- o Created micro services in Flask, Javascript, and Java
- o Updated the company wide testing suite

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**SKILLS** **App Development (Expert):** Swift, Java, React Native  
**Backend Development (Advanced):** Python, Java, NodeJS, SQL, Go  
**Frameworks (Advanced):** React, Flask, Django, Vue, Vapor  
**Databases (Advanced):** MySQL, MongoDB, Cassandra, Postgres, Elasticsearch  
**Technologies (Advanced):** AWS, Docker, Kubernetes, Kafka, Terraform

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**VOLUNTEERING** **HackNY, Fellow** May — Aug 2017  
<http://www.hackny.org>

- o Served as a member of the hackNY class of 2017 fellows
- o Worked on social good projects with other fellows

**HackNY, Mentor** May 2018 — Present  
<http://www.hackny.org>

- o Mentored a group of 19 fellows of the hackNY class of 2018
- o Coordinated events and speakers for fellows
- o Planned hack nights for fellows to work on social good projects

**DaisyDebt, Software Engineer** Jan 2018 — Present  
<http://daisydebt.org>

- o Developed services and automations
- o Helped develop a ruby on rails service
- o Wrote multiple AWS Lambda functions to automate tasks

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**LANGUAGES** English (*Native speaker*) , Hebrew (*Beginner*) , Chinese (Mandarin) (*Beginner*)

**INTERESTS** Entrepreneurship [ *Tamid*, *Entrepreneurs Club* ], Photography, Film