

# Kostas Papadopoulos

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## ABOUT ME

I'm a creative problem solver with a BA in Computer Science and Neuroscience. I have work experience in analytics, research and customer success. I currently work as a software engineer at Infinite Analytics. Beyond work, I'm a passionate musician with ~1M Spotify streams.

## EXPERIENCE

### Data Scientist & Software Engineer

*Infinite Analytics*, Boston MA

March 2018 - Present

Infinite Analytics is a B2B startup that offers search and recommendation solutions to e-commerce companies. My role responsibilities include:

- Developing the company's core search and recommendations product, used by companies such as Kate Spade, B2W, Usereserva among others.
- Owning the project with a foreign client doing \$60 million in revenue a year, and designing custom machine learning algorithms for the deployment.
- Leading the development of the company's new product, a data platform that uses social datasets to provide insights for audience targeting in ad campaigns.

### Data Scientist & Software Engineer Intern

*Infinite Analytics*, Boston MA

August 2017 - March 2018

- Built a Scala distributed crawler, enabling the company to gather and process > 1M documents per day.
- Built a machine learning tool that uses user-likes to suggest ad keywords, having used by the marketing team to run over \$500k in ad campaigns for clients.
- Developed a storage solution for the recommendation engines that made the average time for recall 5x faster.

### Software Engineer Intern

*StratoDem Analytics*, Boston MA

June 2016 - August 2016

- Worked in a team of analysts, using government data to provide analysis insights to client for property acquisition for REIT with over \$1billion in assets under management.
- Designed and co-developed "*Stratplotlib*", a python package built on top of folium and leaflet that provided the team a way to visualize geospatial data. <http://bit.ly/2fG0pnz>

### Research Assistant

*Department of Neuroscience at BIDMC, Boston MA*

January 2015 - January 2016

- Analyzed and processed eye-tracking video data for behavioral patterns of individuals, contributing to a paper publication in the Journal of Neuropsychopharmacology.
- Took initiative to write Python scripts to partially automate data processing which made the analysis of the data 50% faster. [Paper Publication](#)

## EDUCATION

### Boston University College of Arts and Sciences

May 2017

Bachelor of Science (double major in Computer Science and Neuroscience)

Graduate Coursework in Data Mining, Data Science, Cloud Computing

## SKILLS

**Programming Languages and Frameworks:** python, scala, spark, flask, html, css, javascript

**Analytics:** search, nlp, matrix factorization, recommendation engines, real time analytics

**Misc:** agile, sql, redis, elasticsearch, web crawling, LaTeX, linux, git, gcloud