Kevin Choi kjchoi10@gmail.com

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LinkedIn: https:/[/www.linkedin.com/in/kjchoi](http://www.linkedin.com/in/kjchoi)

Github: https:/[/www.github.com/kjchoi10](http://www.github.com/kjchoi10)

Website/Portfolio: https//kjchoi10.github.io

**Education**

Boston University - Bachelor of Arts in Mathematics and Statistics 2016

**Experience**

**Statistical Support Analyst, PerkinElmer Informatics** (July 2016 - Present)

**-** Technical support, data science, and statistical consulting for TIBCO Spotfire customers

- Programs in R and Python

- Led one statistical consulting project with a large pharmaceutical company using statistical control charts

**Analyst Intern, Brigham and Women’s Hospital** (May 2015 - March 2016)

**-** Extract, transform, and load patient and diagnostic data from open source databases using R, Python, and SAS for surgical medical residents at the Center for Surgery and Public Health.

- Modeling building using generalized, linear, survival, and neural network models.

**-** Main analyst and third author to a paper accepted in Urologic Practice October 2016

**Marketing and Product Intern, Springboard Retail** (May 2014 - August 2014)

- Administered new marketing analytic standards and metrics using historical customer engagement data for the marketing, sales, and development teams for our point of sale product

**Portfolio**

**Front-End Development Project, Spotify Playlist Generator** (December 2016)

**-** Used Spotify API to make a random playlist generator using ES6 Javascript, HTML, CSS, and Git

- Link https://kjchoi10.github.io/Spotify-playlist

**Web Design Project, Portfolio Page** (January 2016)

**-** Used and implemented web design skills to make a personal portfolio page using Javascript, HTML, CSS

- Link https://kjchoi10.github.io

**Data Science Awards:**

**Boston University Data Science, Poster Session Finalist** (January 2016)

**-** Presented data science research on neural network and machine learning algorithm I developed at Brigham and Women’s Hospital.

**Data Analytics Competition Winner, Boston University** (December 2014)

- I recommended the state to focus on intellectual property and patents as a measurement of innovation for the state of Massachusetts using a linear regression model using aggregated public data.

**Research/Publications**

**The Effects of the Affordable Care Act on Cancer Preventive Services** (2015)

**-** Designed a retrospective study to examine trends in cancer preventive services, and carried out generalized estimating equation models with complex survey design

**A Nationwide Survey of Prostate Specific Antigen Based Screening and Counseling for Prostate Cancer** (2016, Accepted Urologic Practice)

**-**Used the HINTS dataset for a retrospective study on doctor to prostate screening eligible patient and used multivariable linear regression and complex survey analysis.

**Skills**

- Data Analysis (R, Python, SAS, SQL, Spotfire), Web Development (React, d3.js, JavaScript, Jquery, HTML, CSS, Git), Digital Marketing (SEO, Google Analytics), Bug reporting (JIRA)

**Interests**

- Art and culture, food history, fashion, behavioral science, data visualization