

# Shaked Elisha

949-466-4598 | elisha.shaked@gmail.com  
www.linkedin.com/in/shakedelisha

## — Summary —

Graduated with a **Masters in Statistics, focused on Data Science, with a 3.5 GPA**. With experience in statistical planning, data analysis, and consulting. Ability to identify and solve problems resulting in structural improvements. Tenacity and drive to achieve goals, with a dedication and commitment consistent with organizational priorities. **Key strengths** include leadership with a sense of urgency, flexible and proactive problem solving, self-motivated, detail oriented, analytical, excellent interpersonal skills, and written/verbal communications in three languages (English, French, and Hebrew).

## Education

### University of Pittsburgh

Pittsburgh, PA

#### **Master of Arts in Statistics** (3.5 GPA)

September 2018 – April 2019

Relevant Courses: Data Mining, Statistical Analysis and Optimization, Applied Multivariate Analysis, Survival Analysis, Python for Data Management and Analytics, Statistical Consulting.

#### **Bachelor of Science in Statistics**

September 2014 – April 2018

Minors: Economics, French

Deans List Spring 2018, University Honors College, Emerging Leaders - Leadership Training, Completed Outside the Classroom Curriculum, Model UN, SEMF, Chabad, Sinai Scholars

Relevant Courses: Applied Regression with Written Component, Applied Time Series, Statistical Quality Control, Statistical Packages, Topics in Applied Statistics 1 (Data Science), Stochastic Processes, Intermediate Probability & Mathematical Statistics, Applied Statistical Methods 1 & 2 (graduate level course).

## Technical Skills

**Statistical Analysis:** Data Mining, Data Management, Data Visualization, Multivariate Analysis, Survival Analysis, Time Series Analysis, Stochastic Processes, Probability & Mathematical Statistics, Statistical Quality Control

**Languages:** R,  $\text{\LaTeX}$ , SQL, Python, HTML, SAS

**Software:** Tableau, Minitab, Microsoft Office Products (Excel, Word, PowerPoint, ...), IBM Rational DOORs, Adobe Photoshop

**Languages:** Fluent (speaking, reading, writing): English, French, Hebrew

## Work History

### Medical Care Corporation

Newport Beach, CA

#### **FAST Stage Prediction Consultant**

March 2019 – July 2019

Clinical datasets from patients diagnosed with dementia who took the Mild Cognitive Impairment Screening (MCIS) test of cognitive ability and were evaluated with the Functional Assessment Staging Test.

Building a predictive model for the value of the MCIS test to FAST staging in Python and R.

Built web applications using HTML to visualize the data.

### University of Pittsburgh – Department of Statistics

Pittsburgh, PA

#### **Statistical Consultant**

January 2019 – April 2019

Consulted on projects from clients affiliated the university.

The projects involved clinical sample size calculations, clinical statistical analysis planning, big data inference, prediction, and identification important variables, multi-variable data visualization.

### University of Pittsburgh – Department of Statistics

Pittsburgh, PA

#### **Statistics Computer Lab Student Worker**

September 2018 – April 2019

Explaining statistical concepts to students of all levels.

Assist students with statistical programming needs.

### Johnson & Johnson – Cardiovascular Division

Irvine, CA

#### **Quality Systems Analyst Intern**

May 2018 – July 2018

Provided data visualization for the Quality Systems Management Reports (QSMR).

Led a project of optimizing the tracking and organization of external standards.

Helped reformat quality plan for two companies (Biosense Webster and ASP).

### Johnson & Johnson – Biosense Webster

Irwindale, CA

#### **Quality Process and Engineering Intern**

June 2017 – August 2017

Led a project of identifying discrepancies in equipment data logs from an acquired company.

Created a system to categorize and account for all incoming equipment.

Logged incoming equipment into calibration record.

**Johnson & Johnson – Biosense Webster**  
***RF Generator Product R&D Intern***

Irwindale, CA  
*June 2016 – May 2017*

Defined Electro-Cardiology Therapeutic Ablation product requirements.  
Collected all requirements from different R&D groups and aligned them in one delivery method.  
Worked with teams in the US and Israel to integrate IBM Rational DOORS.  
Reviewed, optimized, and performed quality analysis of R programs for code quality and performance.

**Projects**

---

**Music and Lyrical Data Analysis**

**2018**

Musical data from Spotify's API and lyrics from Genius Lyrics' API using HTML scraping  
Stored in SQLite database using Python  
Analysis done in R (sentiment analysis, high-dimensional linear regression, model selection techniques, regression and classification trees and ensembles, and neural network classification)

**Volunteering**

---

Chabad House on Campus – Jewish educational and religious community center for students (current)  
Challah for Hunger – food prep for donation  
Assistant teacher to children's self-defense classes  
Beach cleanups in Corona del Mar, Newport Beach