#### QA LAB TECHNICIAN, PERRIGO NUTRITIONALS PLC. MAY 2016 - AUG 2016

- Worked in a cGMP environment to ensure safe practices and proper documentation.
- Tested powdered product using various assays, including HPLC and LECO protein analyses to comply with FDA standards.
- Prevented a mistake in a production Standard Operating Procedure for x-ray testing of foreign materials in infant formula.
- Aided supervisors in decisions to release batches of product in response to production failures and consumer complaints.
- Organized co-workers while leading a Quality Assurance lab in testing.

## QA LAB TECHNICIAN, PERRIGO NUTRITIONALS PLC. JUN 2015 - AUG 2015

- Acted under cGMPs and SOPs mandated by the FDA.
- Analyzed and logged test results into a historical database to maintain an up-to-date standard curve.
- Handled release testing for finished product.

#### **EXPERIENCES**

### CARNEGIE MELLON UNIVERSITY, PITTSBURGH, PA

CLASS OF 2019

- 2.76 GPA
- Chemical Engineering Major, Computer Science Minor
- Sidney M. and Sylvia B. Feldman Presidential Scholarship

#### TREASURER, DELTA TAU DELTA BETA CHAPTER

AUG 2016 -

- Recorded transcripts of all financial committee meetings to ensure transparency within the chapter.
- Developed and managed a budget of over \$300,000 for the fiscal year.
- Managed an employee, budgeting for each semester and running payroll.
- $\bullet$  Worked with the IRS to save the chapter \$5,000 in fees by resolving tax issues.

#### CAMP COUNSELOR, GIV MATHEMATICAL SCIENCES

JUNE 2015

- Organized and developed software to supplement lectures about applications of mathematics to campers.
- Mentored students throughout the week, advising them in college decisions and cultivating an inclusive environment.

#### Spoken Languages

- Fluent: Russian, English
- Proficient: Spanish

#### Coding Languages

- Fluent: MATLAB, Python, Java, C, LaTeX, MSOffice
- Proficient: HTML, CSS, JavaScript, jQuery, SQL

### Chemical Analysis

- Equipment: HPLC, LECO Nitrogen, FOSS MilkoScan, Chloridometer, Karl Fischer Titrator, NIR Spectrometer
- Methods: Sampling, titration, lab safety, dilution, cleaning equipment, calibration of equipment

# COURSEWORK

- Chemical Engineering: Thermodynamics, Fluid Mechanics, Mathematical Methods of Chemical Engineering, Laboratory I: Introduction to Chemical Analysis, Chemical Engineering Thermodynamics, Heat and Mass Transfer, Advanced Physical Chemistry, Unit Operations, Chemical Reaction Engineering, Biochemistry I
- Computer Science: Concepts of Mathematics, Fundamentals of Programming, Introduction to Computer Systems, Principles of Functional Programming

#### SKILLS