

# Derek Li

908.448.6549 | derekli2@illinois.edu | LinkedIn: /in/thederekli/  
7 Herder Drive, Hillsborough, NJ 08844 | GitHub: /derekli-NJ

## Education

### University of Illinois at Urbana-Champaign

*Bachelor of Science in Computer Science and Mathematics*

**Champaign, IL**

*Expected Graduation: May 2021*

- GPA: N/A (Transfer Student)
- Studied abroad at the London School of Economics (June 2018 – July 2018)

### Carnegie Mellon University

*Bachelor of Science in Information Systems*

**Pittsburgh, PA**

*2017-2018*

- GPA: 3.7/4.0

### Hillsborough High School

*High School Diploma*

**Hillsborough, NJ**

*June 2017*

- GPA: 4.2/4.0

## Work Experience

### Exeq Inc.

*Business Administration Intern*

**New York, NY**

*July 2017 - Aug 2017*

- Assisted in launch of a mobile app that analyzed spending habits for millennials and offered recommendations
- Developed database of merchants in the New York City area to better identify trends in data
- Coordinated marketing efforts to develop a 30,000+ customer waitlist prior to the release date

### Hillsborough Tennis Plus

*Coach and Administrator*

**Hillsborough, NJ**

*Feb 2014 - Dec 2018*

- Committed 30+ hours per week to run tennis facility and manage customer inquiries regarding scheduling and sales
- Lead training of students ranging from beginners to tournament level players using drills and focus on technique

## Projects

### Garbage Collector

*Spring 2019*

- Developed a tool with a team in Python that identifies trash in an image in order to get real time alerts
- Trained a convolutional neural network with our own dataset using the Keras API
- Integrated into a server that would allow users to send queries to a server running the program and get real time info

### Stock Data Analysis Tool

*Fall 2017*

- Offered functionality to customize portfolios based on key ratios and historical trends to forecast future
- Designed a GUI using Python to build an intuitive and easy-to-understand stock market application performance
- Researched existing solutions for teaching novice investors about the stock market and identified weaknesses

### Typing Trainer

*Winter 2017*

- Built an application with Python that allows users to practice and improve typing skills with various levels of difficulty
- Implemented AI of varying typing skill that the user can compete against for enjoyment and practice

## Leadership & Activities

### Hillsborough High School Golf Team

*Captain*

**Hillsborough, NJ**

*Mar 2014 - June 2017*

- Played line 1 on varsity during junior and senior year
- Organized team practices over the offseason and led the team through training exercises and strategic planning

### SMASH! Against Cancer Fundraiser

*Organizer*

**Hillsborough, NJ**

*Sep 2014 - Dec 2016*

- Raised \$4,600 in three annual events benefitting the American Cancer Society
- Led sponsorship efforts to persuade local businesses to donate to the cause

## Additional Information

*Skills:* Python (Proficient), Java (Proficient), C++ (Proficient), HTML/CSS (Basic), R (Basic)