Neil Shweky

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Education

University of Pennsylvania: School of Engineering and Applied Sciences　　　　Class of 2021 Pursuing BSE May 2021
Bachelor of Science and Engineering, Computer Science

Related Course Work: Programming Languages and Techniques I-III, Mathematical Foundations of Computer Science
Introduction to Computer Systems, Scalable and Cloud Computing
University of Delaware Course: Career Building: An Entrepreneurial Approach
Boston University Course: Sabermetrics 101: Introduction to Baseball Analytics
Microsoft Course: Analyzing and Visualizing Data with Power BI

Work Experience

ESSutton　　　　New York, New York
Intern　　　　Summer 2017, Summer 2018
- Amassed, organized and analyzed large sums of sales data in order to find trends and detect outliers
- Programmed APIs and apps using express, Node.js, and React.js to pull and display the data
- Created PowerPoints and Excel Spreadsheets for meetings with buyers from Walmart and Target

ELLY.ai　　　　New York, New York
Intern　　　　April 2017 - May 2017
- Utilized various third-party JavaScript frameworks including Vue.js, Express.js, and Mailgun.js
- Learned to create a node server with a custom API that communicated with databases like MongoDB
- Created a frontend microservice that communicated with my API

Coriendo　　　　Bala Cynwyd, Pennsylvania
Intern　　　　Summer 2016
- Built websites using HTML, CSS and JavaScript
- Used Phone Gap and frameworks such as Bootstrap and Angular.js to create mobile versions of websites

Appetizer Mobile　　　　New York, New York
Intern　　　　Summer 2015
- Developed an app for one of the company's clients called Don't Press Send in Objective-C
- Learned new programming languages including Node.js and C
- Tested Portalball App for Quality Assurance purposes

Community Service

Sephardic Bikur Holim　　　　Brooklyn, New York
Volunteer　　　　March 2016-Present
- Built two apps for Sephardic Bikur Holim (SBH), a charity organization based in the Syrian Jewish Community
  - Stored and queried large sets of data in Firebase databases, while managing hundreds of users
  - Used Node.js to build a server and a private API for the app, and created a buddy system for the users
- Co-led a two-week event that gave people's extraneous food, *Hametz*, before Passover to those in need

Special Olympics　　　　Greensboro, North Carolina
Volunteer　　　　February 2014, February 2015
- Helped out at a Special Olympics competition at American Hebrew Academy two years in a row.
- Headed events for children with special needs.

Skills

Computer: Node.js, Objective-C, Firebase, Java, OCaml, LaTex, HTML, CSS, JavaScript, Power BI, Hadoop
App Developer: Geometry Cheat Sheet, 100 Berachot Counter, SBH Captain's Guide, SBH Youth App