

# Jacob Richman

408 Fort Washington Ave., Hawthorne, New York 10532 | (914) 393-5598 | jacob@jacobrichman.com | portfolio.jacobrichman.com

## EDUCATION

**Binghamton University, State University of New York** **Expected May 2020**  
Bachelor of Science in Computer Engineering from the Thomas J. Watson School of Engineering and Applied Science

- Freshman engineering team won 1<sup>st</sup> place in Arduino Exposition for creating a laser tag game

**Solomon Schechter School of Westchester, K-12th Grade** **Graduated June 2016**

- Dual curriculum school: standard academic subjects plus Hebrew language, Talmud study and Bible study
- Engineering and Entrepreneurship Program (four-year, high school program) - Work in teams to solve problems using engineering skills. Sample topics: robotics, bridge building, Arduino.
- Senior Project: Curated and oversaw the construction of elementary school “makerspace” (fabrication laboratory)
- Sole recipient of “Kehilah Award” for community involvement, June 2016

## SKILLS

**Programming:** Java, PHP, Javascript, Python, Objective C, C#, SQL, Swift, Arduino, [HTML, CSS]

**Media Editing:** Apple Final Cut Pro, Adobe Photoshop

**Languages:** English (fluent), Hebrew (proficient)

## RELEVANT EXPERIENCE

**iEdit Films** | Founder and Sole-Provider **January 2009 - Present**

- Edit and produce videos using production equipment, as well as Apple Final Cut Pro and Motion
- Create promotional and documentary videos for companies and organizations
- Produce photo montages for occasions and events

**Peersomet** | Co-Founder **September 2014 - December 2015**

- Founded a startup that allows people to give to any charity at no personal expense using an app
- Designed/built iPhone app and web service for Peersomet
- Received top honors and top software at New York University’s Inno/Vention competition

**Regeneron Pharmaceuticals, Hawthorne, New York** | Automation Department Mentorship Student **Summer 2015**

- Utilized C# programming language to create software for pharmaceutical robots to automate lab processes
- Shadowed a researcher and learned about the process of science research and manufacturing of pharmaceuticals

**Freightos, Jerusalem, Israel** | Marketing Intern **Summer 2014**

- Used analytics software to understand website usage statistics
- Engaged in social media marketing by making daily posts
- Produced a promotional video to increase B2B engagement

## PROJECTS (More at portfolio.jacobrichman.com)

**Binghamton BUC\$ Analyzer** **Created November 2016**

- Built a website to analyze Binghamton University student meal plans
- Coded a Google Chrome extension and iPhone app that is used by over 100 students

**Wiki Tour Guide** **Created August 2016**

- Created an iPhone app that provides self-guided tours of any travel destination
- Utilized Wikipedia and Google Maps API so that travel destinations can easily be added

**The DiResta Project** **Created August 2015**

- Created an open source database of videos by YouTuber and maker Jimmy DiResta
- Categorized videos and timestamps by tool, material, and technique; this software can be used for any YouTube maker

## CAMPUS INVOLVEMENT

**Roosevelt Institute** - Political think tank that advocates for the local community through policy creation **January 2017 - Present**

**HackBU** - Community that solves problems through the innovative use of technology **November 2016 - Present**

**Engineers Without Borders** - Provides engineering solutions to communities both local and worldwide **September 2016 - Present**

**Ultimate Frisbee Club Sport** - Daily practices and weekend intercollegiate tournaments **September 2016 - Present**

## LEADERSHIP

**Robotics Team, Schechter Westchester** | Founder **March 2015 - January 2016**

- Trained 10-15 students on improving teamwork abilities to build robots and compete in national competitions
- Taught the basics of robotics using Lego Mindstorm and FIRST Robotics kits

**Schechter Scuttlebutt (Weekly Video News Broadcast)**, Schechter Westchester | Editor-In-Chief **January 2013 - January 2016**

- Managed 30 students in this high school elective
- Instructed students on how to film and edit (with iMovie) interviews and commercials