

Jacob Richman

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EDUCATION

- Binghamton University, State University of New York** **Expected May 2020**
Bachelor of Science in Computer Engineering - *Thomas J. Watson School of Engineering and Applied Science*
- Freshman Engineering Design team won 1st place in Arduino Exposition for creating a laser tag game
 - Freshman Engineering Design team won 1st place in Electric Bike Sharing System Design Competition
- Solomon Schechter School of Westchester, K-12th Grade** **Graduated Jun 2016**
- Engineering and Entrepreneurship Program (four-year program)
 - Senior Project: Curated and oversaw the construction of elementary school “makerspace” (fabrication laboratory)
 - Sole recipient of “Kehilah Award” for community involvement, June 2016

SKILLS & INTERESTS

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

Media Editing: Apple Final Cut Pro, Adobe Photoshop **Languages:** English (fluent), Hebrew (proficient)

Campus Activities: HackBU, Jinternship Campus Ambassador, Club Ultimate Frisbee, Hillel, Chabad, AEPi

RELEVANT EXPERIENCE

- Vicarius** | Software Development Intern *Jerusalem, Israel, June - Aug. 2017*
- Developed front and backend online dashboard for customers using AngularJS
 - Wrote web scraping program to find functions in Microsoft’s Developer Network
- Regeneron Pharmaceuticals** | Automation Department Mentorship Student *Hawthorne, New York, June - Aug. 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
- Peersomet** | Co-Founder **Sept. 2014 - Aug. 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 award at New York University’s Inno/Vention competition
- Freightos** | Digital Marketing Intern *Jerusalem, Israel, June - July 2014*
- Used analytics software to understand website usage statistics and to increase B2B engagement
 - Engaged in social media marketing by making daily posts and producing a promotional video
- iEdit Films** | Founder and Sole-Provider **Jan. 2009 - Present**
- Edit and produce promotional, documentary, and photo montage videos for businesses and individuals
 - Use production equipment, as well as Apple Final Cut Pro and Motion

INDEPENDENT PROJECTS (More at portfolio.jacobrichman.com)

- Binghamton BUC\$ Analyzer** **Oct. - Dec. 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** **May - Aug. 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** **June - Dec. 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

LEADERSHIP

- Engineering Undergraduate Course Assistant** *Binghamton University, Sept. - Nov. 2017*
- Assisted freshmen with the code and hardware design of their Arduino projects
- Alpha Epsilon Pi Fraternity** | Philanthropy Chair *Binghamton University, May 2017 - Present*
- Ran multiple fundraisers raising over \$4,000 including hotdog sales and portable charger sale
 - Coordinated participation in other Binghamton University philanthropy events
- Robotics Team** | Founder *Schechter Westchester, Mar. 2015 - Jan. 2016*
- Trained 10-15 students on improving teamwork abilities to build robots and compete in national competitions
 - Taught the basics of robotics using FIRST Robotics and Lego Mindstorm kits
- Schechter Scuttlebutt (Weekly Video News Broadcast)** | Editor-In-Chief *Schechter Westchester, Jan. 2013 - Jan. 2016*
- Managed 30 students in this high school elective
 - Instructed students on how to film and edit (with iMovie) interviews and commercials