

Internships, Programs, Employment

- **Columbia Science Honors Program - September 2014 to Present**
- **Everything Benefits Software Development Intern - Summer 2016**
 - Created an android and iOS application for their business
 - Improved responsiveness of business application
 - Parsed code for tainted strings vulnerable to SQL injections
 - Listened in on sales conferences; participated in UI/UX meets
 - Learned Java (Oracle), Swift, Java (Android Studio)
- **New Jersey Governor's School of Sciences - Summer 2016**
 - Classes: Neuroscience, Special Relativity, Mathematical Constructions and Impossibilities
 - Lab: Computer Science
 - Created simulations of Cellular Automata, Turing Machines, Game of Life, Game Theory such as Prisoner's Dilemma
 - Team Project: Rocket Science
 - Created model rockets and collected data of their launch
 - Wrote a 20 page research paper on the optimization of model rocketry
 - Proficiency in LaTeX
- **New Providence Summer Science Program - August 2015: Co-founder**
 - Free Science Olympiad-based curriculum for middle schoolers that met every week for two hours
 - Lasted four weeks
- **Free Code Camp - 2015**
 - Earned an online front-end certification
- **Fan Bistro - April 2016 to Present**
 - 9 hrs/wk
- **Kumon - May 2014 to May 2016**
 - 6 hrs/wk
- **Tutoring: 2015 to Present**
 - AP Calculus Tutor

Academic Extracurriculars

- **HackUC - 2015 to Present: Board of Founders 2015-16, Director of Technology 2016-Present**
 - Raised \$4,700 our first year to provide 100+ hackers with free food and swag
 - 6 courses were offered
 - Partnered with MLH our second year
 - Created the hackUC website and logo, handled logistics, and reached out to sponsors
- **Science Olympiad - 2014 to Present: Treasurer 2015-16, Captain 2016-17**
 - Handled Sweatshirt Orders; fundraised \$500 for club

- Designer Genes Third Place at UCC Regionals 2014-15
- Designer Genes State Champion at States 2014-15
- Codes and Algorithms Fourth Place, Protein Modeling Fifth Place at UCC Regionals 2015-16
- Protein Modeling First Place at Tiger Invitationals 2015-16
- Protein Modeling Second Place, Cell Biology Second Place, Technical Problem Solving Bronze Medal at States 2015-16
- Protein Modeling Third Place at UCC Regionals 2016-17
- State Qualifiers 2014-17
- **Math League - 2014 to Present:** President - 2016 to Present
 - ARML Qualifier 2014 to Present
 - CJML and NJML Top Scorer
- **Science Bowl - 2017 to Present:** Founder, President - 2017 to Present
 - Currently starting initiative to hold school-wide Science Bowl competition, then take a team to Regionals
- **Physics Club - 2015 to Present:** Member
 - Physics Bowl Top Scorer 2015
- **Moody's Mega Math Challenge - 2016**
 - Gathered a team to create a mathematical modeling solution for real life problem
- **Chinese American Citizen's Alliance - 2016**
 - NJ/NY Essay Contest Second Place
- **National Center for Women and Information Technology - 2016**
 - Award for Aspirations in Computing National Runner Up
- **Google Code-In Competition - 2016**
- **Technovation Competition - 2015**
- **HackBCA II - 2015**
- **MOOCs**
 - Machine Learning by Stanford University
 - Proficiency in MATLAB; Learned Neural Networks, Linear Regression
 - Artificial Intelligence by MIT
 - Game Theory by Yale

Artistic Pursuits

- **Violin - 2007 to Present**
 - Assistant concertmaster; 1st violin of after-school orchestra 2014 to 2016
 - Violin Teacher's Assistant in Chinese School 2015-16
 - Played in Chinese School graduation performance 2014, 2016
- **Piano - 2004 to Present**

Service Activities

- **Chinese School Teacher's Assistant - 2014 to Present:** Top Ten Teacher's Assistants 2014 to 2016, Best Volunteer of the Year 2016
 - Teacher's Assistant for PinYin, Violin

- Volunteered at multiple Chinese School activities including picnics, chess competitions, and performances.
- Ran my year's graduation show
- In charge of translating and proofreading important emails/newsletters
- **Library - 2014 to 2016**
 - Handled Kid's Summer Reading Program
 - Spearheaded an ice cream party using salt, sugar, milk, and ice for kids who completed the Summer Reading Program in 2015
- **7 Cups of Tea - 2015**
 - Free online therapy and counseling website with anonymous, volunteer listeners
 - Became a trained, verified listener (www.7cups.com/@greenberyl)
 - 31 people helped; 393 chats; overall 5 star rating with 25 ratings & 17 reviews
- **Magnet High School Ambassador - 2015**
 - Introduced prospective freshman to Magnet High School's campus
- **National Honor Society - 2016 to Present**
 - Calculus and Physics Tutor
 - Final Research Paper proofreading
 - Senior Buddy to incoming freshmen