

### **Internships, Programs, Employment**

- **Columbia Science Honors Program - September 2014 to Present**
  - Classes: Special Relativity, DNA Dynamics, Graph Theory, Experiments in Genetics, Introduction to Java
- **Everything Benefits Development Intern - Summer 2016**
  - Sole Software Development Intern
  - 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-started free Science Olympiad-based curriculum for middle schoolers
  - Met every week for two hours
  - Lasted four weeks
- **Free Code Camp - 2015**
  - Earned an online front-end certification
  - Learned javascript, jquery, CSS(Sass)
- **Fan Bistro - April 2016 to Present**
  - 9 hrs/wk
  - Cashier/Hostess
- **Kumon - May 2014 to May 2016**
  - 6 hrs/wk
  - Taught children math, handled data entry
- **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
  - Learned HTML/CSS/Javascript, Illustrator
- **Science Olympiad - 2014 to Present:** Treasurer 2015-16, Captain 2016-17
  - Designer Genes Third Place at UCC Regionals 2014-15
  - State Qualifiers 2014-15
  - Designer Genes State Champion at States 2014-15
  - Handled Sweatshirt Orders; fundraised \$500 for club
  - Codes and Algorithms Fourth Place, Protein Modeling Fifth Place at UCC Regionals 2015-16
  - Protein Modeling First Place at Tiger Invitationals 2015-16
  - State Qualifiers 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 2016-17
- **Math League - 2014 to Present:** President - 2016 to Present
  - ARML Qualifier 2014 to Present
  - CJML Top Scorer
  - NJML Top Scorer
  - Run biweekly meetings
- **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:** Member - 2015 to Present
  - Physics Bowl Top Scorer 2015
- **Moody's Mega Math Challenge:** 2016
  - Gathered a team to create a mathematical modeling solution
  - Qualified for final round
- **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

- How to Start a Startup by Stanford
- Justice by Harvard

### **Artistic Activities**

- **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
  - Teacher's Assistant for PinYin, Violin
  - Ran my year's graduation show
  - Selected as Top Ten Teacher's Assistants 2014 to 2016
  - Nominated Best Volunteer of the Year 2016
- **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 (username: greenberyl)
  - Currently on Intermediate level
  - 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