

### **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
  - Parsed code for tainted strings vulnerable to SQL injections
  - 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
    - 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 and lasted four weeks
- **Free Code Camp - 2015**
  - Earned an online front-end certification
- **Szechuan Delight - August 2016 to Present**
  - Helped start the a new restaurant, figured out how to print online orders
- **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:** 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
  - Volunteered at multiple Chinese School activities including picnics, chess competitions, and performances.
  - In charge of translating and proofreading important emails/newsletters
- **7 Cups of Tea - 2015**
  - Free online therapy and counseling website with anonymous, volunteer listeners
  - Became a trained, verified listener ([www.7cups.com/@greenberyl](http://www.7cups.com/@greenberyl))
  - 31 people helped; 393 chats; overall 5 star rating with 25 ratings & 17 reviews
- **Library - 2014 to 2016**
- **Magnet High School Ambassador - 2015**
  - Introduced prospective freshman to Magnet High School's campus
- **National Honor Society - 2016 to Present**
  - Calculus and Physics Tutor
  - Senior Buddy to incoming freshmen