

Tracy Wan

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Experience

Bloomberg L.P., New York City, NY

Sep 2014 – Aug 2015

Software Developer Intern

- Created user interface using JavaScript that allows developers to analyze test results
- Aggregated data from SQL database to display numerous fields in a standalone function
- Presented in front of stakeholders regarding the features and functions of the project

China Care *Bergen County Academies non-profit organization for Chinese orphans*

Sep 2012 – Jun 2015

- Volunteered as caregiver in Beijing China Care Home
 - Translated for the locals and volunteers to facilitate communication
- Coordinated monthly gatherings to educate adopted Chinese orphans about Chinese culture
- Organized Academy's Got Talent, a school-wide talent show, and Lunar New Year Festival
- Supervised monthly bake sale as treasurer and raised money to sponsor three surgeries

Jun 2013 – Jul 2014

Education

Carnegie Mellon University, Pittsburgh, PA

May 2019

Bachelor of Computer Science

Fundamentals of Programming, Concepts of Mathematics, Matrix and Linear Transformations

Academy for the Advancement of Science and Technology

Jun 2015

Bergen County Academies, Hackensack, N.J.

GPA: 3.636 SAT Math II: 800 Chemistry: 780

AP Computer Science, Discrete mathematics I & II, AP Calculus BC+, Number Theory, Group Theory

Project

Code-a-borate

Dec 2015

- Multithreaded server to allow multiple clients to edit the same python file together
- Utilized tokens for syntax highlighting of function names and data types
- Support code transfer and text communication among clients

Extracurricular Activities

Math Team

Sep 2012 – Jun 2015

- **4th World Mathematics Team Championship Merit Certificate** Oct 2014
- **American Regional Math League Division B 7th place** Jun 2012
- **Canadian Open Mathematics Challenge Performance with Distinction** Oct 2014
- Trained in competition math problem solving skills in algebra, geometry and combinatorics
- Collaborated with team members to prove mathematical theorems for team round
- Solved problems from various math competitions including AMC, AIME, Math Prize for Girls
- Coached middle school students on competition math and organized math competitions

Skills

Python, Java, Javascript, C/C++, SQL, Git, svn, Vim, Emacs, LaTeX, Microsoft Office, Mandarin, Japanese, French