

# Fletcher Marsh

**Permanent:** 1619 3<sup>rd</sup> Avenue #11H, New York, NY 10128

**Current:** Carnegie Mellon University SMC 2887, 5032 Forbes Avenue, Pittsburgh, PA 15289

**Cell:** (646) 326-7205

**Email:** fmarsh@andrew.cmu.edu

## EDUCATION

**Carnegie Mellon University**, Pittsburgh, PA – Majoring in Information Systems and Computer Science

**Bronx High School of Science**, New York, NY

## ACADEMIC AND WORK EXPERIENCE HIGHLIGHTS

### **Carnegie Mellon School of Computer Science Teaching Assistant, 2016 - ongoing**

Extensive knowledge of Python, Java, SQL, CSS, and HTML

Working knowledge of C, Ruby on Rails, and Javascript

### **Software Engineering Intern at CA Technologies, Summer 2017**

Worked with a team in an agile environment to produce Android applications in order to test the performance of existing CA products.

### **Astrophysics Research, Summer 2014**

Completed individual research using Fermi databases and Fermi Tools under Professor Reshmi Mukherjee. Submitted to contests such as JSHS, Siemens, and Intel Science Talent Search, Presented findings at NYCSEF. Nationally recognized by Intel.

## EXTRA- CURRICULARS

**2016 – 2017:** Participating in hackathons on the CMU campus, organizing hackathons and puzzlehunts such as “Hack112”.

**2015:** Tutored lower school youth in after-school literacy classes for Harlem RBI

**2014 – 2015:** “Search And Care” program, helping housebound people on the upper east side of Manhattan take care of their apartment and their pets every weekend

**2011:** “Tunnels to Towers”, helped rebuild Staten Island homes destroyed by Superstorm Sandy organization. tutored lower school youth in after-school literacy classes for Harlem RBI

**2009 – 2015:** Local church soup kitchens

**2009:** Youth group visit to New Orleans to help rebuild homes destroyed by Hurricane Katrina.

**2000 – 2015:** Local Manhattan league spring baseball every year since 2000, Bronx High School Varsity team 2013 – 2015

## EMPLOYMENT

**2017:** Software Engineering Internship at CA Technologies in Santa Clara, California

**2016:** Managed information systems for the Neighborhood Learning Alliance in Pittsburgh, and tutored Physics and Math to high school students

**2014 – 2017:** Winter holidays, part time work at a local Manhattan cheese shop/restaurant, Cash register, assisting customers as a cheese-monger

**2013:** New York City Riding Academy, cleaned horse stalls and worked around the barn, supervised summer camp program

## INTERESTS

- Computer Science: Frequently do recreational research of interesting algorithms, code small programs on spare time, tutor friends and fellow students
- Technology: Built computer from scratch
- Sports: Collecting old signed baseballs, recreational football, basketball, soccer, running
- Astronomy/Physics: Keeping track of current NASA projects, drove down to Virginia to watch rocket launches
- Keeping current with world news through physical and online media
- Scientific-oriented blogs such as “What-If” that pose theoretical physics questions and answered in a comical fashion