

# Jean C. Peña

SOFTWARE ENGINEER

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*Looking for summer internships using software development, machine learning, and cyber security skills*

## Education

### The City College of New York

May 2017

BACHELORS OF SCIENCE IN COMPUTER SCIENCE

GPA: 3.43

**Accomplishments:** Pi Beta Tau, Treasurer of Capoeira club, NSBE member, LAESA-SHPE member

**Coursework:** Data Structures, Algorithms, Software Engineering, Functional Programming, Database Systems

### Kingsborough Community College

Dec. 2013

ASSOCIATE OF APPLIED SCIENCE IN COMPUTER INFORMATION SYSTEMS

GPA: 3.54

**Accomplishments:** Dewitt Wallace Scholarship, Phi Theta Kappa, KCC Gold Leadership Award, Computer Information Systems Award

**Coursework:** Advanced Database Programming, studied Sociology of Development in Costa Rica

## Experience

### Kingsborough Community College

Sep. 2014 - Present

PROGRAMMING TUTOR

- Boost students' performance in Java and C++ courses from a C average up to A-
- Challenge students with collaboration projects, giving students the practical experience that is not emphasized in classrooms

### CCNY Biology Department

Jun. 2015 - Present

WEB ASSISTANT

- Deliver new content on the department and club's website using the content management system Drupal
- Modify photos for the division web site by cropping, resizing or modifying with Adobe Photoshop

### Urban Scholars Program

Nov. 2014 - May. 2015

HIGH SCHOOL TUTOR

- Guided 2-3 high school students per semester to gain a competitive edge in AP Math and Physics courses
- Encouraged students to practice derivation leading to mastery of course material

### Harlem RBI

May. 2014 - Sep. 2014

DATA INTERN

- Compiled data from summer applications and surveys and delivered to each department a visual representation of the data
- Developed a High School search web application using JQuery, Google Maps API, D3, and Parse.com
- Mentored students and taught sportsmanship and teamwork, increasing their camaraderie and self-esteem

## Projects

### EBShare

Dec. 2015

<http://ebshare.azurewebsites.net/>

- Authenticates users and grants them privileges, point system with awards and purchases, enforces cite rules
- Uses Python with the Django framework for rapid development

### MyFutureHS

July 2014 - Nov. 2014

<http://supastuff.github.io/nycHSdir/>

- Searches for High Schools by various criteria such as academics, location, programs, and demographics
- Visualizes results on the map in the background

### ASMPort

Aug. 2012

<http://dl.dropbox.com/u/24514984/asmPort.exe>

- Uses memory dumps from the source and destination region to produce the appropriate codes
- Wii game modders wrote cheat codes in assembly and ASMPort made them accessible to players in regions other than their own

## Skills

**Programming** C++, C#, Python, Java, VHDL, Scheme, LaTeX

**Languages** Spanish, English, Russian

**Software** Microsoft Office, Adobe Photoshop

**Web** Django with Python, JavaScript, JQuery, HTML5, SASS, MS Azure