

BETTY PENG

betty_peng@brown.edu 917-575-6685

EDUCATION

Brown University || Class of 2017

Computer Science & English

GPA: 4.0

Relevant courses:

Software Engineering (Spring 2016)

Modern Web Applications (Spring 2016)

Computer Systems

Designing User Interfaces

Humanity-Centered Robots

Object Oriented Programming in Java

Algorithms and Data Structures

Discrete Structures and Probability

Geneva High School || Class of 2013

GPA: 4.0 || SAT: 2400

Valedictorian, National Merit Scholar,

Presidential Scholar Semifinalist

SKILLS

Java || C || Python

HTML/CSS/JS || jQuery

Photoshop || Illustrator

Git || LaTeX

PROJECTS

Artbeat Website || Current

Rebuilding and rebranding the website for Artbeat, Brown's art community.

First Aide || Grace Hopper OSD

A mobile and web app designed for Peace Corps volunteers, providing various informational and support services involving sexual assault.

Pet Plant || Brown HCRI

An arduino-driven plant that emotionally responds to amount of light stimuli.

WeatherMix || Independent Project

Experience the beauty and ambient sounds of nature for study, meditation, or sleep, based on current conditions.

EXPERIENCE

Brown University Computer Science | Providence, RI

Undergraduate Teaching Assistant | April 2015 – Present

- Assist with teaching over 400 students the fundamentals of object-oriented programming in Java.
- Dedicate an average 15 hours per week to holding office hours, leading weekly student laboratory sessions, and grading projects.

PASS Information Technology | Providence, RI

Undergraduate Trainer | January 2015 – Present

- Plan and teach weekly lessons on Web Design (HTML/CSS) to groups of 8-15 undergraduate peers.
- Expanded, coordinated, and advertised the program to reach over 500 undergraduate students in the 2014-15 school year.

iDTech Programming Camp | New York, NY

Programming Course Instructor | June 2015 – August 2015

- Developed and taught weeklong intensive courses in Java, Python, JavaScript, and Scratch.
- Guided each student to have a fully functioning independent project coded by the end of the week, totaling 52 projects by the end of the summer.
- Created the support code for various coding challenges, designed projects personalized for each student's level and ability, and helped with debugging and testing.

LEADERSHIP

GlobeMed | Providence, RI

Executive Board Director of Campaigns | 2013 – 2015

- Plan and organize fundraisers and campus-wide events to support our partner organization in Nairobi, Kenya.
- Served on GlobeMed's Executive Board and managed a ten-person Campaigns Team to help reach an annual goal of raising \$10,000, with 100% of proceeds sent to our partner.
- Raised a total \$12,333 in 2014 to fund the construction of a new community center for youth in the Viwandani-Mukuru slum of East Nairobi.

Kappa Delta Theta Gamma Chapter | Providence, RI

Vice President of Community Service | 2014 – Present

- Coordinate community service projects and philanthropic events.
- Directed an eight-person team to raise \$1,987 from our annual event, Dunk N' Dodge, 80% of which we donated to local child abuse prevention programs, and 20% to the national program.
- Planned bi-monthly workshops for local Girl Scouts on topics including bullying, self-esteem, women in STEM fields, and health.