Francesca Zambrano
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EDUCATION: FORDHAM UNIVERSITY, Bronx, NY
Bachelor of Science in Computer Science
Graduation date: May 2019
GPA: 3.1

SKILLS & STRENGTHS

- Programming
    - Proficient: C++, Python, HTML, CSS, JavaScript, SQL
    - Knowledge of: PHP, Objective-C, Swift
- Ability to apply and adapt new technologies and concepts
- Experience using Unix as a development environment.

TECHNICAL EXPERIENCE

PYTHON INSTRUCTOR AT GIRLS WHO CODE   June, 2019 - Present
- Led the Bank of America's third annual Summer Immersion Program to heighten the exposure of females to technology.
- Taught 20 senior high school students Web Development and Python for Data Science.
- Guided students in building a website as their final project.
- Supported students in implementing Arduino into robots that demonstrate fundamental locomotion.
- Coordinated field trips and the delivery of technology for the students to the bank
- Facilitated communication between tech departments in the bank involved with Girls Who Code.
- Python, Javascript, HTML, CSS, and API's.

TEACHING ASSISTANT AT FORDHAM UNIVERSITY   September, 2018 - May, 2019
- Aided faculty with classroom instruction, exams, and curriculum development for three computer science courses.
- Assisted students with C++, object-oriented programming, algorithms, and data structures topics to students in class and during office hours.
- Aided students in the implementation and functionality of programs such as Sublime, Xcode, Visual Studio Code, and NetBeans.
- C++

SOFTWARE DEVELOPER INTERN AT KINDMIND TECHNOLOGY   September, 2017 - January, 2019
- Developed front and back end software to enhance user experience for a mental health company with a focus on user login and home screen features.
- Participated in data analysis activities to retrieve data in order to determine the commonalities amongst the population using their application.
- Independent project coordination of two application efforts, including leading the development of the community forum and mobile home screen using the Agile Scrum methodology.
- Objective-C, Swift, JavaScript, HTML5, Sails.js, and AWS.

WEB DEVELOPMENT INSTRUCTOR AT CODE INTERACTIVE   October, 2017 - September, 2018
- Developed and conducted a course in Web Development for junior and senior high school students.
- HTML, CSS, PHP, mySQL, and JavaScript.

SOFTWARE DEVELOPER INTERN AT BROOKHAVEN NATIONAL LABORATORY   June, 2017 - August, 2017
- Collaborated with microbiologists to advance their research in genetic disorders by developing efficient algorithms for the filtering of the most common DNA subsequences in an organism.
- Transformed data in various formats from web/mobile apps into analyzable formats (CSV, SPSS, and Excel)
- SQL, C++, Excel, CSV, SPSS