Laura San Román

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Education

Pennsylvania State University
Expected Graduation Date: May 2016
B.S. Degree in Computer Science and Mathematics (Systems Analysis)
C | C++ | Java | HTML/CSS | JavaScript | AngularJS | MATLAB | Python/Django | MySQL | SML | Scheme | Swift

Experience

Capital One | 15000 Capital One Drive Richmond VA, 23238
Technology Development Intern June 2015 – August 2015
- Worked within an Agile team to accomplish projects.
- Created filtering and new views for an internal website, using JavaScript, angularJS, and D3.
- Participated in a team competition, with interns from other programs. Proposed a new business initiative to endorse green purchases with the Spark card.

Penn State Dance Marathon | State College PA, 16802
Technology Captain, THINK Developer April 2015 - Present
- Used Python/Django to create a new framework for think.thon.org.
- Designed and created a new MySQL database to more efficiently stored data.

Penn State Dance Marathon | State College PA, 16802
Technology Captain, Mobile Developer April 2015 - Present
- Completed HTML/CSS responsive designs for multiple pages on thon.org.
- Worked using Scrum, an Agile methodology.

Undergraduate Research | State College PA, 16802
Fall 2014 – Summer 2015
- Assisted Professor Zikatanov on efficient algorithms for planar graph drawing.
- Combined with John Urschel to run transitive tests in MATLAB.

Relevant Coursework

- Achieved high marks in Java projects, which covered inheritance, polymorphism and Database (SQL).
- Mastered projects centered on operating system services, in the language C.
- Completed two semesters of C++ projects. Used C++ and MATLAB to generate mathematical algorithms.
- Created multiple IOS applications using Xcode and Swift.

On Campus Activities

- Member of the Association of Computer Machinery at Penn State. Attended meetings and informational sessions on careers with the Computer Science and technical world.
- Student manager for the Penn State Women's Volleyball team. Contributed to the office needs and practice environment.