JOAN URBAEZ

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EDUCATION

St. John's University   **Queens, New York**
- Bachelor of Science in Computer Science   2018 – 2022
- **Coursework:** Computer Prog Fund II, Advanced Data Structures, Software Design Methods, Computer Architecture, Operating Systems, Data Base Management Systems, Artificial Intelligence, Data Communications, Software Engineering, Theory Of Computation ,Theory Of Programming Language, Web Application Development.

RELEVANT COURSEWORK

Software Engineering:
- o Understanding the software engineering principles and software development process.
- o Breakdown the complexity of software development, in a systematic way, to build large software systems.
- o Use software tools such as python, Flask, REST APIs, to develop our software.

Web Application Development:
- o Server-side/back-end development using current web development framework and database.
- o An overview of JavaScript concepts such as variables, control structures and functions.
- o Learning the basics of JavaScript, HTML, CSS, and SASS.

Theory of Programming Language:
- o Develop effective algorithms agnostic and unbound by specific language syntax.
- o Improve the use of existing programming languages.
- o Increased vocabulary of useful programming constructs

SKILLS & TECHNICAL TOOLS

- **Speaking Languages:** English, Spanish
- **Operating Systems:** iOS, Windows
- **Programming Languages**: Java, Cascading Style Sheets (CSS)/HTML, JavaScript
- Experienced in Eclipse, VSCode, Atom, IntelliJ IDEA, Git CDM, and CMD
- Knowledge on Microsoft word, PowerPoint and other Microsoft office applications

EXTRA-CURRICULAR & CERTIFICATIONS

JPMorgan Chase & Co. Software Engineering Lite virtual experience program on Forage - October 2024

- Completed a simulation focused on the process of completing an engineering ticket for a system in the credit-card rewards department of JPMorgan Chase & Co.

- Created a new class to get an existing system up and running

- Wrote a test suite for the class added

Electronic Arts Software Engineering virtual experience program on Forage - October 2024

- Proposed a new feature for the Sims 4 and wrote a Feature Proposal describing it to other stakeholders.

- Built a class diagram and created a header file in C++ with class definitions for each object.

- Patched a bugfix and optimized the Sims 4 codebase by implementing an improved data structure.