Stephanie J. Cruz

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EDUCATION

Syracuse University   Anticipated Graduation: 3/2021
Master of Science in Applied Data Science
- Overall GPA: 4.0

The College at Brockport, State University of New York   Graduated 5/2014
Bachelor of Science in Computer Science, Concentration in Advanced Computing Track
Bachelor of Science in Mathematics
- Accreditation Board for Engineering and Technology (ABET) accredited Computer Science program
- Overall GPA: 3.91

TECHNICAL SKILLS

- **Programming Languages:** Kotlin, Python, R, Java, C++, C, XML, SQL, PHP, XHTML, JavaScript
- **Development Tools:** IntelliJ, RStudio, Spyder, Jupyter Notebook, Eclipse, JUnit, Maven, AccuRev, Git, Jenkins
- **Methodologies:** Agile Development, Test Driven Development
- **Database Platforms:** MySQL
- **Patents:**
    - Thomas, et al, Apparatus and method for creating consolidated work flows on a multi-function device, US Patent 10,827,089, issued November 3, 2020

WORK EXPERIENCE

Measures for Justice, Rochester, NY
Senior Software Developer, Project Lead – Data Assessment Team, December 2020 - Present
- Lead the data assessment project team, which performs quantitative and qualitative assessments of incoming data
- Assess technologies for potential use in projects
- Make decisions about prioritization within the data assessment project
- Use Python and R to operationalize machine learning algorithms and processes to assess and classify data
- Evaluate and automate assessment practices
- Design and develop an internal suite of tools to analyze criminal justice data coming into the data-processing pipeline
- Design and develop libraries in Kotlin to extract and transform data from various data sources, including files and databases

Software Developer – Data Engineering Team, June 2019-December 2020
- Developed reusable libraries in Kotlin to transform data and control data revision
- Developed software tools for researchers to perform specific tasks with the data
- Developed software tools to gather and tag metadata about delivered data

Xerox Corporation, Webster, NY
Software Engineer, Technical Lead, January 2017 – May 2019
- Architected, designed and implemented new features for Xerox's ConnectKey line of products
- Created and maintained design documents for new features
- Coordinated development of features for Xerox's ConnectKey line of products between different development teams, including many teams at different locations within the United States and overseas

Software Engineer, May 2014-December 2017
- Worked as part of a scrum team to implement new features for Xerox's ConnectKey line of products
- Diagnosed software problems and provide solutions

New York Army National Guard
2/106TH REGIMENT (RTI), CORTLANDT MANOR, NY – Medical EMT-Basic Instructor, Combat Life Saver Instructor, 2008-2010
- Acted as an observer, facilitator and subject matter expert for all blocks of instruction
- Coached, motivated and prepared students for further military job training

Recruiting and Retention Command, Rochester NY – Recruiting and Retention NCO, 2004-2007
- Established an effective recruit sustainment program for new recruits
- Administered training for new recruits prior to shipment to Basic Combat Training