Joanna Pearl Senseng

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Proficiency

- **Programming**: Python, Git, C#, HTML5, CSS, React.js, Node.js, SQL, T-SQL, PL/SQL, NoSQL
- **Tools**: Ansible, MuleSoft, Kubernetes, Jenkins, AWS, GitLab, GitHub, Splunk, Power BI, Tableau, SQL Reporting Service, NetSuite
- **IT/Business**: Agile Development, Analytics, Project Management, Process Engineering, System Analysis
- **Certification:** Oracle IZO-007
- **Language**: English (fluent), Tagalog (fluent), Spanish (limited working proficiency)

Education

Virginia Commonwealth University   December 2017

Bachelor of Science in Information Systems

Experience

Federal Reserve Bank   August 2019-Present

Solutions Engineer| Richmond, VA

- Reduced user hours for software patching and configuration through Ansible and Ansible Tower
- Increased deployment and security tolerance on EC2 instances by performing blue-green strategy towards monthly hydration
- Decreased troubleshooting time for cross-platform teams by providing prescriptive, predictive, and descriptive analytics on log data through Splunk queries and dashboards
- Upheld positive relationship with business partners by resolving API deployment issues ranging from CI/CD pipeline to infrastructure reliability

CoStar Group   May 2018-August 2019

Automated Data Collection Engineer | Richmond, VA

- Developed and maintained outputs of web crawlers collecting thousands of commercial real estate data per day using Content Grabber and Scrapy with Splash
- Increased efficiency of the data automation team by querying the data, providing analysis via Power BI, and updating the business process as needed
- Enhanced 1.5 million CRE data by writing a SQL job and updating the data loader to allow for integration from external sources
- Assisted business leaders with updating business rules and requirements by publishing analytical reports with Power BI / SSRS

Whitlock   August 2017-May 2018

IT Intern | Richmond, VA

- Optimized productivity for business teams by creating saved searches and reports that are utilizing SQL statements
- Imported 25,000 financial transactions to NetSuite using SSMS to query the data
- Reduced the billing team's efforts by initializing automatic calculations of bill payments
- Provided assistance to the internal team by updating the project plan and proposing adjustments to avoid scope creep

ECMC: College Abacus   May 2015-August 2015

Product Development Intern| Washington, D.C.

- Accomplished weekly and monthly goals of expanding Net Price Calculator availability of 48,000+ post-secondary institutions
- Completed QA test validations to ensure users would not encounter bugs or inaccurate results when using the product
- Proposed software improvements to the development and design teams
- Generated documentations for training and QA process

Extracurricular

Hackital Hackathon   November 2017

George Washington University

- Developed a full stack website designed to be a course management application where students can keep track of assignments

HealthHacks Hackathon   October 2016

Virginia Commonwealth University

- Launched AlexaHealth, an Amazon Alexa skill integrated with Google Spreadsheets that improves patient throughput and experience