

Tiffini R. Johnson

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TECHNICAL SKILLS

Java	Data / Class Modeling	Spring JDBC
HTML5	jQuery	REST Using Web API
CSS	Spring Framework	Common Architecture (MVC)
Javascript	Version Control (github)	Test Driven Development
Object Oriented Programming	Debugging Techniques	Agile Development

EXPERIENCE

The Software Guild

Jan 2019 – Feb 2021

Java Apprentice

- Development Fundamentals – Wireframing, CRUD Interface Design, Agile Development
- Java Fundamentals - Designed and built a Java console based MVC CRUD application to model a DVD Library using Netbeans IDE
- Programmed Open Weather REST Client using HTML/CSS/JS/JSON to access the Open Weather API
- Database Fundamentals – SQL server, SQL query writing, data modeling and table creation
- Built, designed, and programmed Superhero Sightings Spring MVC Web App using HTML/CSS/JS and Bootstrap for front-end (client-side) and Java and mySQL workbench for the back end. Documents a superhero/villain sighting by date and location, in addition to cataloging powers and organizations with database persistence and full JUnit dao tests.
- Utilized Github for code review and version control
- Tutoring student in beginner's python - Continuing Language education in .NET/C# and python

Delaware State University (Dover, DE)

Nov 2014 - Present

Program Coordinator

- Sole manager for undergraduate research program coordination including recruitment, program schedule structure, and program reporting.
- Study the operational objectives and needs of the program to deliver appropriate recommendations to staff – Took leadership initiative for visually modeling and ongoing analysis of a “layered” mentoring approach for STEM Research for university laboratory.
- Develop and maintain the program’s website to keep students and external collaborators aware of events, opportunities and program initiatives
- Served as communication and development liaison on two consecutive five-year NSF-EPSCoR research grants across the state of Delaware
- Research Team management – set meetings, developed plans of action

Delaware State University (Dover, DE)

Jan 2014 – Nov 2014

Part-Time Website Coordinator

- Designed layout and published content to streamline navigation and increase online presence to potential users
- Utilized search engine analytics to maximize traffic to websites
- Develop and maintain the program’s website to keep students and external collaborators aware of events, opportunities and program initiatives

University of Delaware (Newark, DE)

Sept 2010 – May 2012

Graduate Research Assistant

- Retrieved information from various sources, compiled data, and developed reports for the Delaware Sustainable Energy Utility
- Researched new and developing information on smart grids, smart power technology, and sustainable models for solid waste management

Delaware State University (Dover, DE)

May 2011 – June 2012

Seasonal Agricultural Technician

- Completed a sample tree inventory for Dover, DE to produce an accessible and comprehensive view of the city’s urban forest
- Worked with specialized geographic software and MS Word, Excel, and PowerPoint. Worked both independently and on a team

EDUCATION

University of Delaware

Master of Energy and Environmental Policy

Newark, DE
(2010 - 2012)

Delaware State University

Bachelor of Science in Natural Resources
Concentration: Environmental Science

Dover, DE
(2008 - 2010)