

Tiffini R. Johnson

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TECHNICAL SKILLS

- | | | |
|-------------------------------|----------------------------|---------------------------|
| • Java | • Data / Class Modeling | • Spring JDBC |
| • HTML5 | • jQuery | • REST Using Web API |
| • CSS | • Bootstrap Framework | • Common Architecture |
| • 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)