

## **Delroy Cameron**

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### **Education**

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#### **Wright State University, Knoesis Center**

PhD Student, Computer Science (Present)

#### **The University of Georgia**

Master of Science in Computer Science (Dec 2007)

#### **Savannah State University**

Bachelor of Science in Computer Science Technology (May 2005)

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### **Technical Skills**

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- Programming Languages: Java, C++, C#, Perl, Python, Scheme
  - Operating Systems: Linux (Fedora/Ubuntu), Solaris, MS Windows
  - Web Programming: HTML, DHTML, CSS, JavaScript, JSP, Java Servlet, PHP, ASP
  - Semantic Web/Web Services: OWL, RDF/XML, SOAP, WSDL, REST, Axis2
  - Application Servers: Apache Tomcat, Apache HTTP Server
  - Database Systems: Oracle, MySQL, Microsoft SQL Server
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### **Research Interests**

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My research interests primarily focus on Text Mining and Knowledge Discovery for the Semantic Web. This involves intertwining Natural Language Processing with Ontology Modeling for identifying, discovering and representing data in the Biomedical domain. Additionally, my interests expand to Social Computing, particularly, for modeling Social Networks and using such models for discovering similarity and expertise in the network.

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### **Professional Experience**

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#### **1. Computer Science Department, Wright State University**

- Graduate Teaching Assistant (01/2008 - present)
  - CS240, CS241 (Java) and CS242 (C++)
- Research Projects
  - HIEX Data Disambiguation**
    - String and Semantic Similarity Measures for disambiguating Medical data

## **Neural Networks Based Document Classification**

- Radial Basis, Back Propagation and LVQ algorithms to classify Documents

## **Charrin**

- Simplified Search Engine implementation using Vector Space Model.

## **2. Complex Carbohydrate Research Center, University of Georgia**

- Graduate Research Assistant (08/2006 - 12/2007)
  - Software Developer, Glycam Online Carbohydrate Builder

## **3. Office of Vice President for Instruction, University of Georgia**

- Graduate Research Assistant (08/2005 - 05/2006)
  - Web developer (HTML, Visual Studio.NET)
  - Assistant Database Manager (Microsoft SQL Server 7.0)

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## **Professional Activities**

- Program Committee Member
  - Semantic Web Engineering in the Knowledge Society (Book)

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## **Publications**

### **Conference**

1. D. Luper, **D. Cameron**, J. A. Miller, H. R. Arabnia, Spatial and Temporal Target Association through Semantic Analysis and GPS Data Mining, 5th International Conference on Information and Knowledge Engineering, IKE 2007, Las Vegas Nevada, June 25-28, 2007

### **Workshop**

1. **D. Cameron**, B. Aleman-Meza, I. B. Arpinar, Collecting Expertise of Researchers for Finding Relevant Experts in a Peer-Review Setting, 1st International ExpertFinder Workshop EFW 2007, (Co-located with 7th Knowledge Web General Assembly) Berlin Germany, January 16, 2007
2. M. Lewis, **D. Cameron**, S. Xie, I. B. Arpinar, ES3N: A Semantic Approach to Data Management in Sensor Networks, Semantic Sensor Networks Workshop SSN 2006, (Co-located with 5th International Semantic Web Conference ISWC 2006), Athens Georgia, USA, November 5-9, 2006

### **Book Chapters**

1. B. Aleman-Meza, S. L. Decker, **D. Cameron**, I. B. Arpinar, Association Analytics for Network Connectivity in a Bibliographic and Expertise Dataset, Semantic Web Engineering in the Knowledge Society, 2008

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## References

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