

**Brendan T. Heussler**  
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## Experience

- **Semantic Data to Accumulo Connector** iNovex Information Systems  
*Software Developer* August 2013 - October 2013
  - Integrated structured, semi-structured, and unstructured data using W3C graph data standards
  - Used Java to write graph data into Accumulo
  - Dynamically applied provenance information to data using PROVO-O
  - Used Agile software development principles
- **Hive Data Extractor** Cambridge Semantics  
*Big Data Consultant* June 2013 - July 2013
  - Extracted metadata from Hive using creativity and basic JDBC driver
  - Enhanced existing relational database extractor to work with Hive
- **Entity Extraction from Unstructured Data** iNovex Information Systems  
*Software Developer* September 2012 - November 2012
  - Implemented OpenCalais to extract entity information from unstructured PDF documents
  - Integrated unstructured and structured data using W3C semantic web standards
  - Created analyst dashboards using HTML, CSS, and Javascript
- **iNovex Information Systems** Annapolis, MD  
*Intern* May 2011 - Aug. 2011
  - Linked public databases with information on registered sex offenders
  - Developed Semantic Web Technology built to W3C specifications
  - Converted data stored in MySQL databases to linked data (RDF)
  - Built ontology for sex offenders that extends existing ontologies
  - Created and connected several SPARQL endpoints

## Education

- **Connecticut College** New London, CT  
*B.A. Major Computer Science, Minor Economics (GPA 3.28)* Aug. 2008 - May. 2012
    - Senior Research: Forecasting Economic Volatility with Genetic Algorithms
    - Relevant Courses: Computational Intelligence, Artificial Intelligence, Networks, Algorithms, Data Structures, Computer Organization, Topics in Software Development
  - **University of Nottingham** Nottingham, UK  
*Study Abroad* Sept. 2010 - Jan. 2011
    - Relevant Courses: Operations Research and Optimization, Knowledge Representation and Reasoning, Graphical User Interfaces, Software Engineering Methodologies, Introduction to Formal Reasoning
- Oracle Certified Associate, Java SE 7 Programmer**  
*Oracle Certificate*

## Skills

**Languages:** Experience with Java (Proficient), Bash (Competent), SPARQL (Competent), SQL(Competent), Python (Prior Experience), Javascript (Prior Experience) and Scheme (Prior Experience)

**Misc:** Experience with Git, Subversion, Maven, Ant, OSGI, Eclipse, Linux, and Windows