Brendan T. Heussler
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Experience

- **iNovex Information Systems** Hanover, MD
  Software Developer *July 2012 - Present*
  - Semantic Framework to Accumulo Connector
    * test
  - Hive Metadata Extractor (Cambridge Semantics Consultant)
  - Web Development and Maintanance
  - Entity Extraction from Unstructured Data
  - Protein Ontology Building (Cambridge Semantics Consultant)

- **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

School Projects

- **Various AI Algorithms** Connecticut College
  Artificial Intelligence, COM 316 *Sept. 2011 - Dec. 2011*
  - Built goal finding robots that used popular search techniques
  - Modeled propositional and first order logic applied to a search space
  - Learned other important topics including learning and connectionist systems

- **Visual Data Structures**
  Algorithms, COM 304 *Jan. 2011 - May 2011*
  - Created GUI representations of a Binomial Heap and a Disjoint Set
  - Used Java to program Model-View-Controller architecture

- **Web Browser** University of Nottingham
  Graphical User Interfaces, G52GUI *Sept. 2010 - Jan 2011*
  - Developed simple web browser with Swing Java
  - Incorporated Agile development methodologies

Skills

Languages: Java, Python, Perl, SQL, Scheme, LaTeX

Operating Systems: Linux (Debian), Mac OS X, UNIX, Windows XP/Vista/7, Solaris

Applications: Eclipse, Maven, Subversion, Git, Scheme Widget Library, Microsoft Excel