

Brendan T. Heussler

850 Holly Dr

Annapolis, MD 21409

410.980.9672 (cell)

bheussler@gmail.com

Education

- **Connecticut College** New London, CT
B.A. Major Computer Science, Minor Economics (GPA 3.28) *Aug. 2008 - May. 2012*
 - Senior Research: Genetic Algorithms Applied to Economic Contagion
 - 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

Work Experience

- **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

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, L^AT_EX

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

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