# Lynn A. Asselin II

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An organized fast learner who is open minded with strong communication skills. Interested in the fields of Machine Learning, Distributed Systems & Cloud Computing, Collaborative Online Technologies, Interactive Visual Software, and Resource Management.

## Education

**University of Connecticut**, Storrs, CT
*Master of Science in Computer Science & Engineering*, May 2017
GPA: 3.733 / 4.0

**University of Southern Maine**, Portland, ME
*Bachelor of Science in Business*, May 2009
Major: Business Administration; GPA: 3.48 / 4.0

## Technical Skills

**Programming Languages:** C, C++, Java, Python, MATLAB, R, JavaScript, PHP, MySQL
**Development Tools:** GitHub, Xcode, Visual Studio 2017, Eclipse, VirtualBox, Docker
**Libraries & Packages:** AWS, C++ STL, scikit-Learn, Gurobi, GeCode, three.js, Unreal Engine 4, CRM114
**Operating Systems:** Windows; OSX: 10.6 -10.11, macOS; Linux: Ubuntu

## Engineering Project Experience

**UConn School of Engineering**, Storrs, Conn.
*Probabilistic Graphical Models Group Project*, Spring 2017

- Compared performance of spam classification using Bayesian Networks and Markov Random Fields

*Discrete Optimization Coursework,* Spring 2016

- Completed assignments for LP and MIP in Gurobi and Constraint Programming in GeCode

*Big Data Analytics Group Project,* Spring 2016

- Compared clustering techniques as heuristics for solving the travelling salesman problem

*Multivalued Decision Diagram Independent Research Project*, Summer 2015

- Investigated a new algorithm by reviewing publications and conference presentations
- Implemented a prototype linear inequality constraint propagator based on MDDs in C

## Related Experience

**Graduate Teaching Assistant** Storrs, Conn.
*CSE 4102 Programming Languages* Spring 2017

- Provided feedback and evaluations for assignments in SML, C, Smalltalk, and Prolog
- Assisted students in one-on-one and group settings during weekly office hours

**Graduate Teaching Assistant** Storrs, Conn.
*CSE 1010 Intro to Computing for Engineers* Fall 2016

- Received a commendation for positive feedback from the Student Evaluation of Teaching survey
- Provided feedback and evaluations for assignments in Python and a semester long Arduino project
- Instructed three weekly, two-hour lab sections
- Assisted students in one-on-one and group settings during weekly office hours

## Published Works

**Interactive Geometric Algorithm Visualization in a Browser** Storrs, Conn.
*SOCG: Symposium on Computational Geometry* Spring 2016

- Developed a portable framework for visualizing geometric algorithms
- Surveyed appropriate APIs and libraries for functionality and compatibility
- Collaborated with a PhD student on the design and implementation