Lynn Asselin II
Software Engineer

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Work Experience

Gerber Technology — **Tolland, Conn.**
Software Engineer — Dec. 2017 - Present

Spearheaded a project to modernize a CAD application with dozens of legacy modules for a 64-bit platform

Worked on a range of projects including simple image recognition, computational geometry, build configuration, and cloud file synchronization

Engaged in Agile development with integrated project management tools including JIRA issue tracking and TortoiseSVN Subversion

Collaborated within a decentralized team across multiple states and countries

University of Connecticut — **Storrs, Conn.**
Graduate Teaching Assistant — Jan. 2017 - May 2017
CSE 4102 Programming Languages

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 — Sept. 2016 - Dec. 2016
CSE 1010 Intro to Computing for Engineers

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
SOCG: Symposium on Computational Geometry — Spring 2016

Developed a portable framework for visualizing geometric algorithms in JavaScript

Skills

Programming Languages
C, C++, C#, Java, JavaScript, MySQL, Python, MATLAB, R, PHP

Development Tools
AWS, GitHub, PowerShell, TortoiseSVN, Visual Studio 2017, VS2013, VirtualBox, Xcode

Operating Systems
Windows; OSX: 10.6 -10.11, macOS; Linux: Ubuntu

Education

Master of Science
Computer Science and Engineering
Univ. of Connecticut — May 2017
GPA 3.733/4.0

Bachelor of Science
Business Administration
Univ. of Southern Maine — May 2009
GPA 3.48/4.0

Projects

Probabilistic Graphical Models
Group Project — Spring 2017

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

Big Data Analytics
Group Project — Spring 2016

Compared clustering techniques as heuristics for solving the traveling salesman problem