Alexander Sullivan

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EDUCATION

UMASS AMHERST

BS in Computer Science
Expected May 2017 | Amherst, MA
Cum. GPA: 4.0
Deans List {All Semesters}

LINKS

linkedIn.com/in/ **amsully**
twitter.com/ **Alex_M_Sullivan**
github.com/ **amsully**

COURSEWORK

UNDERGRADUATE

Discrete Mathematics
Programming Methodology
Honors Game Theory
Data Structures
Intro to: Electrical Engineering, Java, C++, UNIX, Web Programming
Design Project for Electrical Engineers
Calculus I-III • Physics I

Jnr. Year Coursework

Probability • Calculus Based Statistics • Algorithms • Linear Algebra • Honors Software Engineering • Artificial Intelligence • C • Search Engines

SKILLS

TECHNICAL

Java • JavaScript • Groovy
Python • Node.js • Scala • Shell

Familiar:

C++ • Lua • Swift

OS Experience

Ubuntu 14.04 (Personal) • CentOS 6/RedHat • Mac OS X Snow Leopard • Windows

EXPERIENCE

ROCKS LEADERSHIP COMMITTEE | Representative

September 2015 – Present | Amherst, MA

- One of six undergraduates chosen to represent the College of Computer Science and Information Systems.

LIBERTY MUTUAL | Software Developer Intern - eCommerce

May 2015 – August 2015 | Portsmouth, NH

- Proposed then implemented an open-source log analytics stack for LM.com.

ESPN | Software Developer Co-op - Consumer Apps

January 2015 – March 2015 | Bristol, CT

- Developed server-side Groovy program that processes all real time JSON data for the ESPN app.

UMASS CS | Computer Science Course Grader

September 2014 – December 2014 | Amherst, MA

- Graded for Professor William Verts for 3 introductory CS classes.

GREEN LEADS INC. | Software Sales

September 2012 – August 2013 | Andover, MA

- Introduced IT managers to software from leading tech companies including Cisco, Lexmark, and VMware.

RESEARCH & PROJECTS

BINDS | Research Assistant Fellow

September 2015 – Present | Amherst, MA

Advised by Professor Hava Siegelmann in the Biologically Inspired Neural and Dynamical Systems Lab. Currently focused on techniques utilized in Deep Mind's paper 'Playing Atari with Deep Reinforcement Learning.'

EMMA5 INDEPENDENT RESEARCH | Undergrad Researcher

September 2013 – December 2013 | Amherst, MA

Designed power distribution unit and remote controller for Arduino powered robot. Advised by Charles B. Malloch, PhD.

CENTER FOR KNOWLEDGE COMMUNICATION | Developer

May 2013 – June 2013 | Amherst, MA

Assistant to Graduate Student J.D. DeVaughn-Brown. Python program to monitor the impact of graphic violence on users.

RECOGNITIONS

2015		Honors College Undergraduate Research Fellow
2015	top 7.5%	Phi Kappa Phi Honors Society
2014	1 of 39	Athletic Director's 4.0 Club
2014		NCAA Division 1 Cross Country Minuteman.
2013-15		Cheryl Spencer Scholarship 'using education to improve the world'
2012	2nd	Massachusetts State Robotics Championship - FTC