

Liam Callanan

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Objective		Software engineering position in the field of computer science
Work Experience	Jan 07 - Present	Childcare/Petcare Providence, RI Provided responsible childcare for young children and pets 3-12 years of age-activities included indoor and outdoor game play, meal preparation, and other domestic duties.
	Jun 11 - Aug 11	Counselor In Training Providence, RI Moses Brown Summer Camp Grade 10 Counselor In Training (CIT). Coordinated activities and helped manage campers 9-13 years of age. Taught First Fun with Duct Tape course, basketball, and board games.
Education	Jun 13 - Aug 13	Brown University Providence, Rhode Island Invited by professor Andries Van Dam to shadow Brown University students working on a program called Touch Art Gallery. The program is a Microsoft Windows 8 application written primarily in JavaScript and HTML, and it allows users to interact with art pieces normally too large to display in person on a tablet device.
	Sep 13 - Dec 13	Brown University Providence, Rhode Island Invited by professor Andries Van Dam to audit his course, CS15: Intro to Object Oriented Programming. The course outlines the basics of object oriented programming in Java through various projects. Major projects include a cartoon, DoodleJump, Tetris, and a Final Project.
	Sep 10 - Present	Barrington High School Barrington, RI Grade 12 Current GPA- 4.11. Expected Graduation 6/14.
Extracurricular Activities	Sep 03 - Present	Chinese Grades 6,7,8,9,10,11,12 9 years instruction in written and spoken Mandarin Chinese with private tutor and high school courses (Chinese 2 and 3).
	Sep 10 - Present	Computer Club Grades 9,10,11,12 Part of the American Computer Science League (ACSL) and competitions, with knowledge in Boolean Algebra, Assembly Language, LISP, Prefix/Infix/Postfix notation, Bit-String Flicking, binary, and hexadecimal.
	Sep 10 - Present	Math Club Grades 9,10,11,12 Participated in math meets, Rhode Island Math League (RIML), and New England Math

League (NEML) competitions. Knowledge includes Algebra I, Algebra II, Pre-calculus, Geometry, and Trigonometry.

Awards/Certificates

Aug 13	AP Scholar Award Grade 11	In recognition of exemplary college-level achievement on Advanced Placement Program Examinations. Award presented by the College Board.
May 13	University of Rochester Xerox Award for Innovation and Information Technology Grade 11	Presented in recognition of outstanding achievement in the pursuit of innovative approaches and an appreciation for the possibilities of technology
Apr 13	Rochester Institute of Technology Computing Medal Award Grade 11	Presented in recognition of outstanding achievement in computing
May 13	Society of Women Engineers New England Shoreline Section Certificate of Achievement Grade 11	Awarded for excellence in mathematics and the natural sciences
May 13	University of Rhode Island Chemistry Contest Division II Joseph W. Ince Award Grade 11	3rd Place
Dec 13	Fitchburg State University Programming Contest Award Grades 11,12	2nd Place Team in 2012, 1st Place Team in 2013

Skills/Academic Achievement

Sports/Athletics

9 years training in Okinawan Goju-Ryu Karate (Brown Belt), 8 years indoor and outdoor training and competition in soccer (Barrington Youth Soccer Association and John Tomlinson Soccer Academy), 3 years of tennis at Barrington Middle School. Other sports include kickball, dodge ball, hockey, Ultimate Frisbee, and basketball.

Graphic design

Use of Adobe CS5 suite to create graphics, images, and interfaces, including vector graphics, posters, and digital photography.

Computer Science

Able to code in Java using Eclipse, Textpad, Dr. Java, and other programming tools such as Microsoft Visual Basic. Basic knowledge of Java swing library and GUI in Java. Able to program basic JavaScript, HTML, and CSS. Knowledge concerning the Intel processor line, AMD Graphics card lineup, and the different versions of operating systems currently available, including the iLife suite for Mac OS X and the various versions of Microsoft Office. Experience with different video files and their compatibility with different operating systems, applications for editing and converting them, and basic knowledge of audio applications available for Windows versus Macintosh computers. Ability to replace RAM in computers.