KEVIN ANDREW LYONS

Class of 2016 • Weymouth High School • 1 Wildcat Way, Weymouth, MA 02190 • CEEB 220745
152 Carolyn Road, Weymouth, MA 02190
Mobile: (781) 812-5423 • Home: (781) 335-0683
Web: http://www.kevinalyons.com • E-Mail: contact@kevinalyons.com

PROFILE

Self-motivated, dedicated and intellectually curious student, athlete, volunteer and young professional eager to take advantage of the many opportunities offered in higher education. Intended focus is computer science, specifically in software development and applied science. Strong history of volunteer work with proven leadership skills in high school and community programs. Passionate about learning and making a positive impact on my community.

ACADEMICS

⊕ Currently ranked 1st out of 473 students in the Class of 2016 with a weighted GPA of 4.8844

⊕ High scoring on standardized tests, including SAT Reasoning Tests (Reading = 690, Mathematics = 770, Writing = 750), SAT Subject Tests (Mathematics Level 2 = 800, Chemistry = 760), AP Exams (5 on Computer Science, Chemistry and English Language) and ACT Plus Writing Exams (35)

⊕ National Honor Society   President   May 2015 – Present

⊕ AP Scholar with Honor   Spring 2015 – Present

AWARDS AND ACHIEVEMENTS

⊕ MIT Leadership Training Institute   Keynote Speaker, Participant   Spring 2015

- o Recommended and accepted to a selective leadership program on the Cambridge campus of MIT in the spring of my junior year
- o 12-week program taught by current MIT undergraduate students that allows high-school students to refine leadership skills and develop a service-minded initiative in their respective communities
- o As a result, founded and implemented the Beyond the Code program *(detailed below)*
- o Selected as one of only three students to present my findings during the closing ceremonies in one of the largest lecture halls on campus

⊕ Beyond the Code   Founder, Director, Student Mentor   Spring 2015 – Present

- o Unique computer science mentorship program that pairs knowledgeable and passionate high school students with youth to teach the basics of computer programming and logic
- o Educated 70 students to date, across 3 Weymouth Public Schools, in grades 3-8
- o Recruited and trained 10+ high-school student mentors to support the program
- o Collaborated with numerous district faculty, including the Director of Instructional Technology, Community Relations Liaison and principals at each of the three schools
- o Presented to town administration, including the Weymouth School Committee, to raise awareness and advocate for STEM programs
- o Plan in place for upcoming years to create a sustainable, replicable mentorship program

⊕ Weymouth High School Student-Athlete of the Month   October 2014

⊕ Bay State Conference All-Star, Football   Fall 2014

⊕ MIAA Sportsmanship Summit   Participant   Fall 2013, 2014

EXTRACURRICULAR WORK

⊞	Math Team	Senior Captain	Fall 2014 – Present
⊞	Varsity Football	Senior Captain	2012 – Present
⊞	Varsity Basketball	Senior Captain	2012 – Present
⊞	Advocate for STEM Education and Exposure		Spring 2015 – Present
⊞	Student Voice	Director	Spring 2015 – Present
⊞	Rotary International Involvement		May 2015 – Present
⊞	Freshman Student Ambassador		Fall 2014 – Present
⊞	Volunteers in Practice Organization		Fall 2014 – Present
⊞	Peer Tutoring		Fall 2014 – Present
⊞	Special Olympics and Best Buddies Support		Spring 2013 – Present

PROFESSIONAL EXPERIENCE

⊞ LifeYield, LLC.   Software Engineer Intern   July 2015 – August 2015

- o In the summer before my senior year, I completed an intensive paid internship at Boston-based financial computing firm LifeYield
- o Given task in a four-week timespan to complete a platform release of a back-end application for request handling on a SOAP XML facade service
- o Allowed me to apply my knowledge of recursive definitions and file parsing while also picking up many new skills, including cross-thread UI callbacks, asynchronous iteration and improved model-view-controller separation
- o Took direction along the way from supervising developers and adapted as necessary to dynamic feedback
- o Presented final working application to supervisors in the Development and QA departments, as well as LifeYield's CEO and CTO
- o I will be returning to LifeYield for more work in the summer of 2016

⊞ Technip Research Center   Job Shadow   September 2015

COMPUTER SCIENCE SKILLS

- ⊞ Proficient implementation of a diverse array of object-oriented C-based languages as well as other forms:
  - o Java (including Android development), C#, Objective-C (including iOS development), HTML (including web development), JavaScript, Python, CSS, XML (including database implementation with pre-existing SQL server tools)
- ⊞ Comfort with various version control services to enhance inter-developer collaboration, including standard SVN and GIT interfaces
- ⊞ Personal server management with SSH
- ⊞ Flexibility between both GUI and native console applications

- Implementation of MVC conventions when working with GUI interfaces

- Diverse use of command line tools and custom shell scripts

- Currently developing iOS application "WildcatConnect" that will replace many outdated announcement methods currently used at my high school; will serve as productivity/alert app for students, faculty and families; set for beta testing in mid-November 2015

ADDITIONAL INFORMATION

For further links and documentation accompanying my experiences and achievements, please visit my website at http://www.kevinalyons.com.