

KEVIN LYONS

kalyons@mit.edu | (781) 812-5423 | kevinalyons.com

EDUCATION

- ✚ Massachusetts Institute of Technology (Cambridge, MA) Anticipated Graduation June 2020
 - Pursuing B.S. Computer Science
 - Enrolling in several CS courses freshman year, i.e. 6.01 Integration of EECS, 6.006 Algorithms, 6.042 Mathematics for Computer Science
- ✚ Weymouth High School (Weymouth, MA) Graduated June 2016
 - Valedictorian of 473 Students, 4.29 GPA / 4.33 Scale
- ✚ National Honor Society Chapter President 2015 – 2016

PROFESSIONAL EXPERIENCE

- ✚ Changing Places CityScope Research Team (MIT Media Lab) September 2016 – Present
 - Optimizing transportation models in dense urban areas through node search and analysis
- ✚ Founder and lead developer of “WildcatConnect” mobile productivity and alert application that replaced outdated announcement and communication methods at Weymouth High School; 4,500+ active installations; uses both iOS and web Node.js clients
- ✚ LifeYield, LLC (Boston, MA) Summer 2015 and 2016
 - Implemented in-house API service to monitor remote cloud infrastructure security and stability
 - Facilitated 40% optimization of all web service calls through XML processing and serialization
 - Integrated load-balanced caching and distributed locking across replicated web instances
- ✚ Experience and implementation of diverse languages and environments, including Java, Python, AWS, JavaScript, Node.js, C#, Objective-C, HTML, CSS, JQuery, XML, XSLT, PHP, SQL, Bash, Express, MBaaS, PaaS, DBaaS, Heroku, GIT and SVN

AWARDS AND ACHIEVEMENTS

- ✚ Boston Globe Scholar-Athlete Award June 2016
- ✚ Massachusetts State Student-Athlete of the Month October 2015
- ✚ Beyond the Code CS Program Founder, Director, Mentor Spring 2015

EXTRACURRICULAR WORK

- ✚ Delta Kappa Epsilon Fraternity Brother September 2016 – Present
- ✚ MIT Student Athlete Advisory Committee August 2016 – Present
- ✚ MIT Varsity Football August 2016 – Present
- ✚ MIT Leadership Training Institute 2-Time Keynote Speaker, Mentor Spring 2015 - Present
- ✚ Weymouth High School Math Team Senior Captain Fall 2014 – Spring 2016
- ✚ Varsity Football and Basketball Senior Captain 2012 – 2016