

# KEVIN LYONS

kalyons@mit.edu | (781) 812-5423 | <https://kevinalyons.com>

## EDUCATION

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| ✚ | Massachusetts Institute of Technology (Cambridge, MA)   | Anticipated Graduation June 2020       |
|   | ○ Pursuing B.S. Computer Science  |  |
|   | ○ Enrolling in many CS courses freshman year, i.e. Integration of EECS, Algorithms, Linear Algebra, Programming with C and C++, MATLAB, Data Analytics/Machine Learning |  |
| ✚ | Weymouth High School '16  | Valedictorian of 473 Students, 4.9 GPA |

## PROFESSIONAL EXPERIENCE

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| ✚ | Changing Places CityScope Research Team (MIT Media Lab)  | September 2016 – Present                      |
|   | ○ Optimizing transportation models in dense urban areas through node search and analysis   |   |
|   | ○ Created dynamic city matrix generator for use as test cases for machine learning algorithm   |   |
| ✚ | WildcatConnect iOS App   | Founder, Lead Developer Summer 2015 – Present |
|   | ○ Productivity app for students, families and staff at Weymouth High School  |   |
|   | ○ Uses both iOS and Node.js web clients with MongoDB instances for uptime and scalability  |   |
| ✚ | LifeYield, LLC (Boston, MA)  | Software Engineer Intern 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   |   |
| ✚ | <i>Languages and Environments:</i> Java, Python, AWS, JavaScript, Node.js, C#, Objective-C, HTML, CSS, JQuery, XML, XSLT, PHP, SQL, Bash, Express, MongoDB, MBaaS, PaaS, DBaaS, Heroku, GIT, SVN |   |

## AWARDS AND ACHIEVEMENTS

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| ✚ | Boston Globe Scholar-Athlete Award               | June 2016    |
| ✚ | Weymouth High School Student-Athlete of the Year | June 2016    |
| ✚ | National Football Foundation Scholar Athlete     | May 2016     |
| ✚ | Massachusetts State Student-Athlete of the Month | October 2015 |

## EXTRACURRICULAR WORK

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|---|--|--------------------------------|--------------------------|
| ✚ | Delta Kappa Epsilon Fraternity         | Community Service Chair        | September 2016 – Present |
| ✚ | MIT Student Athlete Advisory Committee |                                | August 2016 – Present    |
| ✚ | MIT Varsity Football                   | Player's Council Member        | August 2016 – Present    |
| ✚ | MIT Leadership Training Institute      | 2-Time Keynote Speaker, Mentor | Spring 2015 – Present    |
| ✚ | WHS Football, Basketball, Math Team    | Senior Captain                 | Fall 2014 – Spring 2016  |
| ✚ | Beyond the Code CS Program             | Founder, Director, Mentor      | Spring 2015              |