

KEVIN LYONS

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EDUCATION

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|---|---|----------------------------------|
| ✚ | Massachusetts Institute of Technology (Cambridge, MA) | Anticipated Graduation June 2020 |
| | <ul style="list-style-type: none">○ Pursuing B.S. Electrical Engineering and Computer Science○ Enrolling in many CS courses freshman year, i.e. 6.01 Integration of EECS, 6.006 Algorithms, 6.042 Mathematics for Computer Science, Programming with C and C++, MATLAB | |
| ✚ | Weymouth High School (Weymouth, MA) | Graduated June 2016 |
| | <ul style="list-style-type: none">○ Valedictorian of 473 Students, 4.29 GPA / 4.33 Scale | |

PROFESSIONAL EXPERIENCE

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| ✚ | Changing Places CityScope Research Team (MIT Media Lab) | September 2016 – Present |
| | <ul style="list-style-type: none">○ 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 |
| | <ul style="list-style-type: none">○ 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 |
| | <ul style="list-style-type: none">○ 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 | |
| ✚ | <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 |
| ✚ | 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 |
| ✚ | Weymouth High School Math Team | Senior Captain | Fall 2014 – Spring 2016 |
| ✚ | Beyond the Code CS Program | Founder, Director, Mentor | Spring 2015 |