

KEVIN A. LYONS

152 Carolyn Road, Weymouth, MA 02190 | (781) 812-5423 | kalyons@mit.edu
<http://www.kevinalyons.com>

EDUCATION

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|---|--|----------------------------------|
| ✚ | Massachusetts Institute of Technology (Boston, MA) | Anticipated Graduation June 2020 |
| | ○ Pursuing B.S. Computer Science | |
| ✚ | Weymouth High School (Weymouth, MA) | Graduated June 2016 |
| | ○ Valedictorian of 473 Students | |
| ✚ | National Honor Society | President 2015 – 2016 |

COMPUTER SCIENCE EXPERIENCE

- ✚ Founder and lead developer of “WildcatConnect” mobile productivity and alert application that replaced outdated announcement and communication methods at Weymouth High School; 2,500+ active installations; uses both iOS and web Node.js clients; conducting formation of LLC, monetization and expansion to other local high school communities
- ✚ Two summers of full stack software engineering at LifeYield, LLC
 - 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 mechanism across replicated web instances
 - Various front end enhancements and bug fixes for improved user interface, while keeping MVC intact
- ✚ Experience and comfort with 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

PROFESSIONAL EXPERIENCE

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| ✚ | LifeYield, LLC (Boston, MA) | Software Engineer Intern | July 2015 – August 2016 |
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AWARDS AND ACHIEVEMENTS

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| ✚ | Boston Globe Scholar-Athlete Award | June 2016 | |
| ✚ | Rotary Foundation Involvement and Scholarship | June 2016 | |
| ✚ | Massachusetts State Student-Athlete of the Month | October 2015 | |
| ✚ | MIT Leadership Training Institute | 2-Time Keynote Speaker, Participant | Spring 2015 |
| ✚ | Beyond the Code | Founder, Director, Mentor | Spring 2015 |

EXTRACURRICULAR WORK

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|---|--|-----------------------|-------------------------|
| ✚ | Massachusetts Institute of Technology – Varsity Football | Beginning August 2016 | |
| ✚ | Weymouth High School Math Team | Senior Captain | Fall 2014 – Spring 2016 |
| ✚ | Varsity Football and Basketball | Senior Captain | 2012 – 2016 |