

# KEVIN A. LYONS

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## EDUCATION

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|---|---|----------------------------------|
| ✚ | Massachusetts Institute of Technology (Cambridge, 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

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- ✚ Founder and lead developer of “WildcatConnect” mobile productivity and alert application that replaced outdated announcement and communication methods at Weymouth High School; 2,500+ active installations; uses both iOS and web Node.js clients; conducting formation of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             |