

KEVIN 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 | |
| | ○ 4.5 GPA with many CS courses, including Integration of EECS, Algorithms, Programming with C and C++, Data Analytics, Machine Learning | |
| ✚ | Weymouth High School '16 | Valedictorian of 473 Students, 4.9 GPA |

PROFESSIONAL EXPERIENCE

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| ✚ | Philips Research North America | Software Engineer Intern | May 2017 – Present |
| | ○ | Joining effort to apply computer vision techniques to studying lung cancer screening images | |
| | ○ | Using convolutional neural networks and deep learning to increase positive patient outcomes | |
| ✚ | Changing Places CityScope Research Team (MIT Media Lab) | | September 2016 – Present |
| | ○ | Created dynamic city matrix generator for use as test cases for machine learning algorithm | |
| | ○ | Developing CNN to learn traffic patterns and optimize layouts for better urban planning | |
| ✚ | 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 | |

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 |