

KEVIN LYONS

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

EDUCATION

- ✚ 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

- ✚ Philips Research North America Software Engineer Intern May 2017 – Present
 - Deep learning data scientist analyzing CNN use case in lung cancer detection and prediction
- ✚ Changing Places CityScope Research Team (MIT Media Lab) September 2016 – Present
 - Developing CNN to learn traffic patterns and optimize layouts for better urban planning
 - Using AI prediction algorithm to provide augmented city data for users
- ✚ 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

Languages and Environments: Python, Java, JavaScript, Node.js, C#, Objective-C, HTML, CSS, AWS, JQuery, XML, XSLT, PHP, SQL, Bash, Express, MongoDB, Heroku, git, SVN, C, C++, virtualenv

AWARDS AND ACHIEVEMENTS

- ✚ 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

- ✚ 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