

KEVIN LYONS

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EDUCATION HISTORY

- ✚ Massachusetts Institute of Technology (Cambridge, MA) Anticipated Graduation June 2020
 - Pursuing B.S. Computer Science with potential minor in Management Science
 - 4.5 GPA – courses include Algorithms, Machine Learning, Data Analytics, Computation Structures, Fundamentals of Programming, C & C++, Math for CS, Multivariable Calculus
- ✚ Weymouth High School '16 Valedictorian, National Honor Society President, Varsity Captain

PROFESSIONAL EXPERIENCE

- ✚ Philips Research North America Research Software Engineer Intern May 2017 – Present
 - Working with deep learning team to analyze CNN use case in lung cancer detection/prediction
 - Named contributor on invention disclosure for ML-focused physician support system
- ✚ CityScope Research Team, MIT Media Lab September 2016 – Present
 - Developed CNN to learn traffic patterns and optimize layouts for better urban planning
 - Using multi-criterion optimization algorithm to provide city recommendations for users
- ✚ WildcatConnect iOS App Founder, Lead Developer Summer 2015 – Present
 - Built productivity app for students, families and staff at Weymouth High School
 - Using both iOS and Node.js web clients with MongoDB/AWS instances for uptime/scalability
- ✚ LifeYield, LLC (Boston, MA) Full-Stack Software Engineer Intern Summer 2015/2016
 - Implemented in-house API service to monitor remote cloud infrastructure security and stability
 - Facilitated 40% optimization of web service calls with refactored XML processing/serialization

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

- ✚ MIT 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