# Akshay **Ravikumar**

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## Education

**Massachusetts Institute of Technology** — *Class of 2018*

B.S. in Computer Science, Minor in Mathematics (GPA: 4.9/5.0)
M.Eng. in Computer Science (GPA: 5.0/5.0)

## Experience

**Rubrik** — *Software Engineer*                                              August 2018 - Present

Support, stability, and feature development on the Microsoft SQL Server backup team. Using Scala.

**Two Sigma Investments** — *Software Engineering Intern*                              Summer 2017

Developed an application to streamline the creation and deployment of analytics dashboards. Used Scala and JavaScript.

**MIT Spoken Language Systems Group** — *Researcher*                                    Spring 2017

Ran experiments to analyze the effects of a character LSTM on neural machine translation performance. Used Lua.

**Google** — *Software Engineering Intern*                                            Summer 2016

Developed an image processing module to improve automated testing on the Android App Streaming team. Used Go.

**Lytmus** — *Software Engineering Intern*                                            January 2016

Wrote a REST API to integrate the Lytmus platform with a third-party vendor. Used Python and JavaScript.

**Akamai** — *Software Engineering Intern*                                            Summer 2015

Created an application to evaluate forward error correction algorithms. Used JavaScript, C++, and Bash.

**Embedur Systems** — *Software Engineering Intern*                                    January 2015

Migrated an application from MySQL to Cassandra. Used C.

## Awards

**William Lowell Putnam Math Competition**, Top 200 (2017), Top 500 (2014)
**MIT Web Development Class Final Project**, Best Feature Set (2015)
**Harvard Hackfest**, First Place in Media and Advertising (2014)
**USA Math Olympiad**, Two-time Qualifier (2013, 2014)

## Leadership

**Webmaster**, MIT Eta Kappa Nu (HKN) Honor Society (2017 − 2018)
**Teaching Assistant**, Design and Analysis of Algorithms (Fall 2017), Intro to Algorithms (Fall 2016, Spring 2017, Spring 2018)
**Co-founder and Website Designer**, pleasantonmathcircle.com (2011 − 2016)

## Skills

Python, Scala, Go, JavaScript, Java, C++, JQuery, Node.js, AngularJS, MongoDB, HTML, CSS, Bash, LaTeX, Git, Linux