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

rideOS — *Software Engineer*   January 2020 - Present

Working on software to efficiently move people and things throughout the world.

Rubrik — *Software Engineer*   August 2018 - November 2019

Worked on 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)
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)

Skills

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