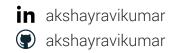
Akshay Ravikumar

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education

Massachusetts Institute of Technology

Bachelors in Computer Science

2014 – 2018 | Cambridge, MA

GPA: 5.0/5.0

Foothill High School Class of 2014 Salutatorian

2010 - 2014 | Pleasanton, CA

GPA: 4.45

coursework

* = current

Network and Computer Security*
Computer System Engineering*
Design/Analysis of Algorithms
Software Studio
Introduction to Machine Learning
Introduction to Algorithms
Software Construction
Computation Structures

awards

- Top 500 Scorer, Putnam Math Competition
- First Place in Media/Advertising, Harvard Hackfest
- Four-time Qualifier, USA(J)MO
- Silver Division, USACO

leadership

- Outreach Chair, Harvard-MIT Math Tournament
- · Class Assistant, Art of Problem Solving
- Co-founder and Website Designer, Pleasanton Math Circle (pleasantonmathcircle.com)

experience

Lytmus | Software Engineering Intern Jan 2016 - Present | San Francisco, CA

- Writing RESTful API Routes to interact with third-party vendors
- Implementing whitespace watermarking to prevent cheating

Akamai Technologies | Software Engineering Intern Jan 2015 – Oct 2015 | Cambridge, MA

- Created an application and web interface to evaluate error correction algorithms. Used JavaScript, C++, and Bash.
- Analyzed data from the production network to assess loss, latency, etc. Used Java and Python.

Embedur Systems | Software Engineering Intern Jan 2015 | Cambridge, MA

Migrated a C-based application from MySQL to Cassandra, a distributed database management system.

Stanford Institute of Medicine | Research Intern Jun 2012 – Aug 2013 | Stanford, CA

Directed a three-person research project to computationally analyze prostate cancer biomarkers.

projects

Notably | notably.xyz

Worked with classmates to create a collaborative note-taking application. Won **Best Feature Set** in MIT Web Design Class.

Lexicon | playlexicon.me

Making a multiplayer online word game using the MEAN stack.

Fleek | fleekon.me

Worked with classmates to create a dynamic database of math/science problems. Won **Fourth Place** in MIT Web Programming Competition.

skills

Python, Java, JavaScript, JQuery, Node.js, AngularJS, MongoDB, HTML, CSS, Bash, *ET*EX, C++, Git, Linux