

Aditi Ramaswamy
University of Michigan, Ann Arbor (2015-2019)

Current Address:

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Contact Information:

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Academics:

3.920 GPA
Women in Science and Engineering Alumna
Enrolled in the Max Kade German program
Majoring in Computer Science, minoring in History

Programming Languages/Math:

- Know C++ (intermediate level) and some Java; have worked with a little Python before. Familiar with some Linux
- Teaching myself HTML, CSS, and JavaScript
- Have completed Calculus I and II, as well as introductory Discrete Mathematics (EECS 203)
- Breakdown of Programming Courses:
 - **EECS 183: Elementary Programming Concepts.** Learned basic C++, functions, and a bit about classes.
 - **EECS 280: Programming and Introduction to Data Structures.** Went more in-depth into pointers, vectors, lists, trees, polymorphism, recursion, scope, and debugging.
 - **EECS 281: Data Structures and Algorithms.** Algorithm analysis; efficiency and O-notation. Will have completed by end of Winter semester.

Prior Work Experience:

- *October 2016:* Undergrad Research Assistant at CroMa Research Lab. I assist with front-end development for our project, which uses crowdsourcing to construct a way for students to better access peer advising. My tasks include using HTML, CSS and JavaScript to improve the user's overall experience.
- *February-April 2015:* Interned in the district office of my local Congressman, Mike Honda. My duties involved, among other things, taking note of constituents' concerns, helping them with immigration-related forms, and writing letters and commendations for various community organizations.
- *May-July 2016:* Wrote a book, *Nathaniel Keene*; am currently working on a sequel.
- *September 2016:* Historical research paper, "The Law of Unintended Consequences - The Harrison Act: Turning Point in America's Relationship with Drugs", published in Fall 2016 issue of the University of Michigan Undergraduate Research Journal.
- *August 2013-May 2014:* English TA; helped students with proofreading and analysis.

Awards/Skills:

- University Honors for both semesters of freshman year
- Decently fluent in Japanese and German; taught myself to read and write the Cyrillic script
- 9 medals from the Scholastic Writing Awards; accepted into Sweetland Writing Program
- National AP Scholar, National Merit Finalist, and AP Scholar with Distinction