

## J. Hassler Thurston

34 Wild Berry Lane | Pittsford, NY 14534

585-506-5937 | [jthurst3@u.rochester.edu](mailto:jthurst3@u.rochester.edu)

[hasslerthurston.com](http://hasslerthurston.com) | [github.com/jthurst3](https://github.com/jthurst3)

### INTERNSHIP QUALIFICATIONS

- Proficient in Java, Python, HTML/CSS/Javascript, Mathematica; knowledge of C, Scheme, Prolog, Matlab/Octave, Ruby
- Broad knowledge of an array of topics in Computer Science, from artificial intelligence and machine learning to natural language processing and data science
- Proven independent initiative problem solving skills demonstrated in achievements through online coursework and projects
- **Communication skills? What are your strengths?**

### COMPUTER SCIENCE EDUCATION

University of Rochester, Rochester, NY

**Bachelor of Science in Computer Science**, Expected May 2017

- GPA 3.X

Rochester Institute of Technology, Rochester, NY

**Coursework included Computer Science, Mathematics, and Science**, 2009-2012

- GPA 3.X

### SELECTED COMPUTER SCIENCE AND MATHEMATICS COURSES

- Computation and Formal Systems; *Planned for Spring 2014*: Undergraduate problem seminar, Computer organization, Computer models and limitations (University of Rochester)
- Natural Language Processing, Machine Learning, Introduction to Data Science, Startup Engineering, Computer Networks (Coursera)
- Introduction to Artificial Intelligence (Stanford University/Online)
- Discrete Mathematics, Number Theory, Abstract Algebra (Rochester Institute of Technology)

### SELECTED PROGRAMMING PROJECTS

- **More current projects?**
- **Graph Theory** — submitted “Optimal k-Rankings for Hypergraphs” to 2011 Intel Science Talent Search
- **Computer Music** — create Mathematica code to output short musical compositions (violin duets, string quartets, fiddle tunes) with use of melody, harmony, and counterpoint
- **The Unsolved Problems Database** — created website using HTML/CSS/JS with NodeJS and MongoDB as a resource for people to learn about and discuss unsolved problems (**can you give an example? Not sure what this means**). [unsolveddatabase.org](http://unsolveddatabase.org); code at [github.com/jthurst3/unsolveddatabase](https://github.com/jthurst3/unsolveddatabase)