

# Stephanie Oh

Los Angeles, CA

☎ 224.603.2085

✉ [oh.stephanie.s@gmail.com](mailto:oh.stephanie.s@gmail.com)

📄 [www.linkedin.com/in/ohstephanie](http://www.linkedin.com/in/ohstephanie)

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## Education

- 2013 **Masters of Science in Mathematics**, *Purdue University*, West Lafayette, IN, 3.6/4.0.  
Recipient of fellowships for outstanding PhD-track students.
- 2011 **Bachelor of Arts in Mathematics with Honors**, *Northwestern University*, Evanston, IL, 3.64/4.0.  
Thesis on Expander Graphs; Recipient of merit scholarships for outstanding academic achievement.
- 2007 **High School Diploma**, *The Hill School*, Pottstown, PA.
- 2009-2010 **Budapest Semesters in Mathematics**, *Budapesti Műszaki és Gazdaságtudományi Egyetem*, Budapest, Hungary.

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## Jobs

- 2013 **Developer**, Create and maintain math content for [wolframalpha.com](http://wolframalpha.com) from simple arithmetic operations through college level calculus material.
- Helped launch [wolframalpha.com/problem-generator](http://wolframalpha.com/problem-generator) by testing and debugging the random problem generation feature and polishing language.
  - Work in a small team to conceive and develop tutorials for Wolfram Language – a functional programming language used in Mathematica – targeted towards first time programmers and hobbyists.
  - Use gamification and visual aid to produce creative methods of explaining programming and mathematical concepts.
- 2012-2013 **Teaching Assistant**, Administered and graded quizzes and conducted recitation for 179 students in Calculus I and II at Purdue University.

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## Professional Affiliations and Development

- 2013 Attended the Wolfram Technology Conference.
- 2011-2013 Member of American Mathematical Society.
- 2011 Presented a poster on Expander graphs at the Joint Mathematics Meeting, the largest international math conference.
- 2010-2011 Member of Mortar Board national honor society recognizing college seniors for their exemplary scholarship, leadership and service.
- 2010 Undergraduate research program funded by an NSF grant studying Expander Graphs with professor Darren Long at the University of California, Santa Barbara.
- 2009 Attended the Nebraska Conference for Undergraduate Women in Mathematics.
- 2008 Selected for and attended Carleton College's Summer Math Program for Women.

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## Computer skills

- Proficient Mathematica, Python
- Basic Java, C
- Miscellaneous Microsoft Office, Linux, L<sup>A</sup>T<sub>E</sub>X

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## Languages

- Fluent English, Korean
- Basic French, German