

KEVIN VISSUET

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EDUCATION

PhD Candidate in Mathematics <i>University of Illinois - Chicago</i> Focus: Number Theory, Arithmetic Geometry	<i>Fall 2018</i>
M.S. in Mathematical Computer Science <i>University of Illinois - Chicago</i>	<i>Fall 2018</i>
M.S. in Mathematics <i>University of Illinois - Chicago</i>	<i>Dec 2016</i>
B.S. in Mathematics <i>University of California - San Diego</i>	<i>May 2013</i>

AWARDS & HONORS

- **Research Training Fellowship:** One year fellowship awarded to four out of 25 most distinguished incoming math PhD students. Awarded again in Fall 2018.
- **Dean's Undergraduate Award:** Money Awarded to seven outstanding students out of 20,000 undergraduates at UCSD; awarded for two consecutive years.
- **Phi Beta Kappa:** Inducted into prestigious honor society that accepts the top 10% of students.

EXPERIENCE

Software Engineer and Data Science Intern <i>Intuit</i> <ul style="list-style-type: none">– Created an in-house tool that would diagnose why a build failed through the use of machine learning techniques. Tool was created using React JS for the frontend, SpringBoot and SQL for the backend and Python/TensorFlow for the machine learning.	<i>Summer 2018</i>
Math Instructor, Teaching Assistant <i>UCSD, UIC</i> <ul style="list-style-type: none">– Planned and led a discussion session for 20-30 students for topics ranging from Differential Equations and Calculus to basic Algebra.	<i>January 2011 - Present</i>
Math Researcher <i>Williams College</i> <ul style="list-style-type: none">– Using SAGE, I analyzed the difference the sumset and the difference-set of a random subset of a nonabelian finite groups.– Published results in Combinatorial and Additive Number Theory, CANT 2011 and 2012.	<i>Summer 2012</i>
Math Researcher <i>Cornell University</i> <ul style="list-style-type: none">– Presented research at several national mathematical conferences.	<i>Summer 2011</i>

TECHNICAL STRENGTHS

Computer Languages	Python; Java; JavaScript; SQL; Magma; Mathematica; SAGEmath;
Tools	TensorFlow; Pandas; Scikit; Django; Flask; ReactJS; Springboot
Languages	English (fluent); Spanish (fluent);

EXTRACURRICULARS

- **Graduate Mentor, Mathematical Computing Laboratory:** Advised and aided three undergraduate students in completing computational research using SAGE.
- **Hackerrank** Ranked in the 99.5 percentile overall in their algorithm competitions. Placed 11th out of 2619 in recent competition. Username: kvissuet.
- **Kaggle** Participated in machine learning competitions concerning predicting real estate value and movie box office sales.
- **Referee, Journal of Number Theory:** Peer reviewed mathematical papers submitted for publication related to my field of expertise.
- **Marathon Runner:** Completed five marathons. Most recent San Francisco Marathon in July 2018.