

## Matthew Cadier Kim

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### CONTACT INFORMATION

2167 Alemany Blvd  
San Francisco CA, 94112

(949)436-1220  
himismatt27@gmail.com

### MATHEMATICAL INTERESTS

Logic - Model Theory  
Galois Theory  
Frame theory and applications  
Computational Number Theory  
Categorical Data Analysis  
Computational Learning Theory

### WORK EXPERIENCE

Spring	2012	Tutor in Precalculus and Physics - Mission High School 7 hours/week, Hired through GEAR UP program run through the Dept of Elementary Education. I am paired with two Teachers who I work three times a week.
Fall	2011	Tutor, Precalculus -Balboa High School

### COURSEWORK

- ☐ Logic A
- ☐ Calculus I B
- ☐ Calculus I A
- ☐ Calculus III A-
- ☐ Linear Algebra A
- ☐ Physics I (General Mechanics) B+
- ☐ Elementary Number Theory A-
- ☐ Probability and Statistics I B
- ☐ Introduction to Computer Programming (Computer Science) A
- ☐ Introduction to Real Analysis (UC Berkeley Cross Enrollment) (In Progress)
- ☐ Modern Algebra (In Progress)
- ☐ Data Structures (Computer Science) (In Progress)
- ☐ Introduction to Wavelets and Applications (In Progress)
- ☐ Non-Parametric Statistics ( Categorical Data Analysis) (In Progress)

### PLANNED COURSEWORK

Fall 2012	Spring 2013
<input type="checkbox"/> Modern Algebra II	<input type="checkbox"/> Algebra
<input type="checkbox"/> Advanced Linear Algebra	<input type="checkbox"/> Probability and Statistics II
<input type="checkbox"/> Game Theory	<input type="checkbox"/> Theory of Functions of a Complex Variable
<input type="checkbox"/> Mathematics of Optimization	<input type="checkbox"/> Theory of Models (UC Berkeley Cross Enrollment)
<input type="checkbox"/> Programming Methodology	

ACADEMIC  
ACHIEVEMENTS AND  
VOLUNTEER  
ACTIVITIES

- ❑ Deans list: Fall 2007; Spring 2008; Fall 2008; Spring 2009; Fall 2011;
- ❑ CSU International Program Participant: University of Paris. Academic years : 2009/10 and 2010/11.
- ❑ Summer 2011: Volunteer math tutor at CivicCorps Vocational School West Oakland
- ❑ Fall 2011: Volunteer tutor and teaching assistant with the SF Education Fund: Placed in a pre-calculus course at Balboa High School

REFERENCES

**Serkan Hosten**, Professor of Mathematics, San Francisco State University, [serkan@sfsu.edu](mailto:serkan@sfsu.edu)

**Jean-Pierre Langlois**, Professor of Mathematics, San Francisco State University  
[langlois@sfsu.edu](mailto:langlois@sfsu.edu)