

Anton Bobkov

CONTACT INFORMATION

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EDUCATION

University of California, Los Angeles (*graduate*) **Fall 2011 to present** *PhD*,
Mathematics (in progress)
• GPA: 3.91

Advisor: Matthias Aschenbrenner

Research interests: Mathematical logic, model theory, NIP theories, VC-density

University of California, Los Angeles (*undergraduate*) **Graduated Spring 2011**
• *B.S.* in Mathematics, *B.A.* in Physics
• Sherwood Prize
• Departmental Highest Honors in Mathematics, College Honors
• GPA: 3.82 (Magna Cum Laude)
• William Lowell Putnam Mathematics Competition

– 2008 - score 30

– 2009 - score 19

UNDERGRADUATE RESEARCH

Cryptography REU at Northern Kentucky University **Summer 2009**
Implemented a variant of MXL algorithm in computational algebra system MAGMA

Research assistant for Vladimir Vassiliev **2008 - 2011**
Numerical simulations for AGIS gamma-ray telescope. This included forward and inverse kinematics for Stewart platform, ray casting, and high precision calibration.

TEACHING

Math 31B: Integration and Infinite Series	2012 - 2013
Math 33A: Linear Algebra and Applications	2012 - 2013
PIC 10B: Intermediate Programming	Winter 2015, Spring 2015
PIC 20A: Principles of Java Language with Applications	Spring 2015
PIC 40A: Introduction to Programming for Internet	Fall 2015
Math 115B: Linear Algebra	Winter 2016
Independent Programming Projects	Winter 2016

PAPERS

Bobkov, A. *VC-density for trees*, in preparation
Bobkov, A. *Some VC-density computations for Shelah-Spencer graphs*, in preparation
Bobkov, A. *VC-density in \mathbb{Q}_p -reducts*, in preparation

**AWARDS AND
SCHOLARSHIPS**

2011-2012:

Fees: \$13,247.13 paid from unrestricted Graduate Division allocation
Stipend: \$21,000 paid from departmental funds (RTG Logic)
Stipend: \$4,000 paid from unrestricted Graduate Division allocation
Summer'11 Stipend: \$ 3000 from departmental funds (RTG Logic)
Summer'11 Stipend:\$3,000 from College funds

2012-2013:

Fees: \$14,372.68 paid through TA appointments
Fee remission balance: \$374.25 paid from unrestricted Graduate Division allocation
Income: \$17,655.18 TA salary
Stipend: \$3,344.82 paid from unrestricted Graduate Division allocation

2013-2014:

Fees: \$2,070.75 partial fees paid from unrestricted Graduate Division allocation
Fees: \$10,500 remainder of fees paid from departmental funds (RTG Logic)
Stipend: \$ 21,000 paid from departmental funds (RTG Logic)
Stipend: \$4,000 paid from unrestricted Graduate Division allocation
Summer'13: \$4,000 paid from departmental funds (RTG Algebra)

2014-2015:

Fees: \$15,203.10 paid through TA & GSR appointment
Fee remission balance: \$378.99 paid from unrestricted Graduate Division allocation
Income: \$20,621.16 TA & GSR salary
Stipend: \$378.84 paid from unrestricted Graduate Division allocation

2015-2016:

Fees: \$15,440.48 paid through TA appointments
TA Income: \$11,121.43 (Spring TA salary yet to be paid during Spring'16)
Summer'15: \$4,000 paid from unrestricted Graduate Division allocation