

# Anton Bobkov

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## CONTACT INFORMATION

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## EDUCATION

**University of California, Los Angeles** (*graduate*)  
*PhD*, Mathematics (in progress)

**Fall 2011 to present**

*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 on AGIS telescope project, **2008 - 2011**
  - embedded networking

## TEACHING

Intermediate C++ Programming, Linear Algebra, Calculus

## PAPERS

Bobkov, A. *VC-density for trees*, in preparation

## SOFTWARE EXPERIENCE

### Unix-like systems

I am comfortable working in command line environment, including tasks such as

- installing and managing web-server, repository server, ssh server
- code building, editing, and version control

### Languages

C++, C#, bash, Java, php, MAGMA

### Code management

CMake, Makefile, git, subversion, Visual Studio, Unity3D

### Standards

TCP/IP, .NET, CORBA