

# Cody Raskin

## *Curriculum Vitae*

### WORK EXPERIENCE

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PRESENT

#### **Research Assistant, Computational Astrophysics**

ARIZONA STATE UNIVERSITY, SCHOOL OF EARTH AND SPACE  
EXPLORATION

JULY 2009

#### **Programming & Astrophysics Intern**

LOS ALAMOS NATIONAL LABORATORIES

JUNE 2003 – AUGUST 2008

#### **Sr. MIS Administrator, Sr. Programmer**

CACHET CAPITAL, INC.

SUMMER 2002

#### **Systems Administrator**

AYZENBERG GROUP, LTD.

### PROFESSIONAL SERVICE

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#### **Peer Reviewer**

MONTHLY NOTICES OF THE RAS  
THE ASTROPHYSICAL JOURNAL

### SELECTED PUBLICATIONS

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- ❖ *Prompt Ia Supernovae are Significantly Delayed*  
Raskin, C., Scannapieco, E., Rhoads, J., &  
Della Valle, M. 2009, ApJ, 707, 74
- ❖ *On Type Ia Supernovae From The Collisions  
of Two White Dwarfs*  
Raskin, C., Timmes, F.X., Scannapieco, E.,  
Diehl, S., & Fryer, C. 2009, MNRAS, 399L, 156
- ❖ *Using Spatial Distributions to Constrain Progenitors  
of Gamma-Ray Bursts and Supernovae*  
Raskin, C., Scannapieco, E., Rhoads, J., &  
Della Valle, M. 2008, ApJ, 689, 358

### INVITED TALKS

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- APR. 2009 | **SNIa Progenitors Workshop**  
Princeton University, NJ
- OCT. 2008 | **6th Gamma-Ray Bursts Symposium**  
Huntsville, AL

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🖱 [www.codyraskin.com/research](http://www.codyraskin.com/research)

### EDUCATION

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- JUL. 2011 | Doctor of Philosophy in ASTROPHYSICS  
Arizona State University, Tempe  
Thesis: *Type Ia Supernova Progenitors*  
Adviser: E. Scannapieco & F.X. Timmes
- JUL. 2008 | Master of Science in PHYSICS  
Arizona State University, Tempe  
Emphasis: Astronomy  
Thesis: *Using Spatial Distributions  
to Constrain Progenitors of Gamma-Ray  
Bursts and Supernovae*  
Adviser: E. Scannapieco
- DEC. 2002 | Bachelor of Science in PHYSICS  
Arizona State University, Tempe  
Minor: Russian
- AUG. 2001 | Exchange Semester at  
Moscow Linguistics University  
Moscow, RF

### PROGRAMMING SKILLS

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- Expert Knowledge: SQL, MySQL, HTML, ASP.NET  
VB.NET, C#, mathCAD
- Advanced Knowledge: C/C++, javascript, L<sup>A</sup>T<sub>E</sub>X, (SN)SPH
- Basic Knowledge: IDL, IRAF, MPI

### LANGUAGES

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- ENGLISH Native
- SPANISH Basic Knowledge
- RUSSIAN Basic Knowledge

### AWARDS & ACCOLADES

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- NOV. 2009 | **\$2k GPSA Research Grant**  
ASU Graduate & Professional Students Assoc.
- MAY 2010 | **NASA Earth and Space Science Fellow**
- JUL. 2010 | **Lindau Nobel Laureate Meeting**  
Invited Graduate Attendee