

Adam J. Avakian

CONTACT INFORMATION

Department of Physics
Boston University
590 Commonwealth Avenue
Boston, MA 02215 USA

Voice: 401.864.4833
E-mail: avakian@physics.bu.edu

EDUCATION

Boston University, Boston, MA
M.S./Ph.D., Physics, in progress

Brown University, Providence, RI
Sc.B., Mathematics-Physics with honors, 2004

RESEARCH INTERESTS

Lattice QCD and lattice gauge theory
Geometrical reformulations of the Standard Model and beyond

PROFESSIONAL EXPERIENCE

Boston University, Boston, MA
Graduate Student **September 2007 to present**

- Light guide system for Neutron Electric Dipole Moment experiment

Individual U., New York, NY
Academic Mentor & Tutor **December 2006 to July 2007**

- Personal tutoring and mentoring focused on remediation and enrichment in mathematics and the sciences

Bank of America, San Francisco, CA
Risk Analyst **June 2004 to July 2006**

- Worked with Commercial Credit Risk Capital and Business Risk Capital Groups
- Design and maintenance of risk capital models

Brown University, Providence, RI
Undergraduate **June 2001 to August 2003**

- Laboratory Assistant with Particle Physics Group
- Assembly of hardware for new silicon detector in D? experiment at Fermilab

AWARDS

- Gertrude & Maurice Goldhaber Award, Boston University, 2009
- Chair's Book Prize for excellence in teaching, Boston University, 2008
- Sigma Xi (national scientific honor society), 2004

TECHNICAL SKILLS

Programming: C, C++, Fortran, Java, SQL, UNIX shell scripting

Software: Mathematica, ROOT, T_EX, L^AT_EX, B_IB_TE_X, Microsoft Office