Albert Tamazyan

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EDUCATION

Ph.D. in Mathematics   Sep 2012 - Present
University of Illinois at Urbana-Champaign, Department of Mathematics
Pursuing Minor in Computer Science
   Advisors: B. Berndt, A. Zaharescu
   Specialization: Number Theory

Master's Degree in Mathematics   Sep 2010 - May 2012
Yerevan State University, Department of Mathematics
   Advisor: S. Rafayelyan
   Specialization: Theory of Functions

Bachelor Degree in Mathematics   Sep 2006 - May 2010
Yerevan State University, Department of Mathematics

WORK EXPERIENCE

Research Intern Programmer   May 2015 - Aug 2015
Wolfram Research, Scientific Content Group
   Investigated and developed identities for classes of special functions.
   Augmented the knowledge base of the *Mathematica* software and
   WolframAlpha website. Added Entities for new families of mathematical
   functions. Extensively used *Wolfram Language* for testing the
   formulas symbolically, numerically and graphically.

Teaching Assistant   Sep 2012 - Present
University of Illinois at Urbana-Champaign
   Leading discussion sections, grading quizzes and exams, holding office hours, etc.
   Courses taught include Applied Linear Algebra, Abstract Algebra, Differential
   Equations, Introductory Matrix Theory, Calculus for Business, Calculus I, II.

Research Assistant   Summer 2013
University of Illinois at Urbana-Champaign
   Assisted Prof. Bruce Berndt in a project on q-series.

Data Conversion Specialist   May 2012 - Aug 2012
Coca-Cola Company, Yerevan, Armenia
   Created detailed mapping between old and new data elements.
   Converted old data (mostly from excel spreadsheets) to the special
   format used by the company system (SAP).

Pedagogic Internship   Feb 2010 - Apr 2010
Phys-Math high school
   Taught algebra and geometry to senior year high school students.

RESEARCH EXPERIENCE	*"On the Zeros of Linear Combinations of Derivatives of the Riemann ζ-function"* *Int. J. Number Theory* DOI: 10.1142/S1793042116501049 Joint with P. Koutsaki and A. Zaharescu

RESEARCH EXPERIENCE

"On the Zeros of Linear Combinations of Derivatives of the Riemann ζ-function"
Int. J. Number Theory DOI: 10.1142/S1793042116501049
Joint with P. Koutsaki and A. Zaharescu

"On the Zeros of Linear Combinations of Derivatives of the functions in the Selberg Class", in preparation

"On Some Probabilistic Properties of similarly ordered Fractions in the Farey Sequence", in preparation

"Interpolation and Basicity Problems in Some Classes of Entire Functions"
M.S. thesis, YSU, 2012

"Fourier Weighted and Continuous Wavelet Transformations"
B.S. thesis YSU, 2010

HONORS AND AWARDS

Diploma of 2nd Rank, Undergraduate Mathematics Olympiad
Yerevan, Armenia, May, 2011

Bronze Medal, Yerevan State University Award, February 2010

Silver Medal, The 5th Internet Mathematical Olympiad for Undergraduates
Ariel, Israel, December, 2009

Silver Medal, The 4th Internet Mathematical Olympiad for Undergraduates
Ariel, Israel, May, 2009

Bronze Medal, The 10th International Scientific Mathematics Olympiad
Tehran, Islamic Republic of Iran, July, 2009

Honorary Mention, Undergraduate Mathematics Olympiad
Yerevan, Armenia, May, 2007

COMPUTER SKILLS

C++
JAVA (Android Application Development)
Wolfram Mathematica
Web Development (HTML, CSS, JavaScript)
Other (Linux, Microsoft Windows, Microsoft Office, LaTeX, etc.)
See https://github.com/Albertmt for some completed projects

LANGUAGES

Armenian (Native)
English (Fluent)
Russian (Fluent)