

Aleksandr Ayvazov

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EDUCATION

University of California, San Diego	San Diego, CA
Ph.D. in Mathematics with a Specialization in Computational Science	Expected, June 2020
The University of Chicago	Chicago IL
Bachelor of Science, Mathematics, Bachelor of Arts, English Language and Literature	June 2015
GPA: 3.58, Dean's List	

COMPUTER SKILLS

C, C++, Java, Python, Haskell, R, Mathematica, Matlab, and VBA on Windows and Unix machines.
PHP, JavaScript, CSS, and HTML on static, Drupal, and WordPress sites

EXPERIENCE

Department of Mathematics: University of California, San Diego	San Diego, CA
<i>Teaching Assistant</i>	September 2015 – Present
<ul style="list-style-type: none">Taught calculus and other beginning mathematics to groups of ~30 students	
Department of Mathematics: University of Chicago	Chicago IL
<i>Junior Tutor</i>	September 2012 – June 2015
<ul style="list-style-type: none">Taught Number Theory and Calculus to classes of ~10 studentsHelped create a curriculum of mathematics topics for students not majoring in STEM fields	
Tempesta Media	Chicago IL
<i>Metcalf Intern</i>	June 2014 – January 2015
<ul style="list-style-type: none">Design, populate, and launch new web properties for clients and investorsCreate new support system and integrate existing systems into it	
Humanities Computing: University of Chicago	Chicago IL
<i>Web Development Assistant</i>	June 2014 – June 2015
<ul style="list-style-type: none">Develop and support web properties for departments in the Division of HumanitiesInterface with staff to meet web needs and provide necessary updatesProgram web applications to merge existing structures with new web systems	
Swiss Reinsurance Company	Armonk NY
<i>Summer Intern in Casualty/Actuarial Data Services</i>	June 2013 – September 2013
<ul style="list-style-type: none">Worked on a team of 3 to predict insurance loss ratios for specific industry segmentsDerived mathematical models for financial prediction using Bayesian updating and analysisSimulated models in Mathematica and R in order to optimize models through existing dataDocumented models and code for publication in actuarial journalCreated applications for analysis of database records and updating of database	
Arts Council: University of Chicago	Chicago IL
<i>Arts Council Summer Fellowship</i>	June 2012 – October 2012
<ul style="list-style-type: none">Translated a full length play from Russian to English, proposing and finding support for the project	

LEADERSHIP ACTIVITIES

University Theater: University of Chicago	Chicago IL
<i>Manager/Director/Committee Member</i>	January 2012 – present
<ul style="list-style-type: none">Organized teams of more than 20 people in quarter-long projectsManaged long and short term goals, with attention to budget and interpersonal relationshipsBuilt and adapted sets, costumes, and properties and designed projections for theatrical productions	

FOREIGN LANGUAGE

Full fluency in Russian, conversational in French