Sergey Sambros

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EDUCATION

The University of Texas at Austin, Austin, TX Expected May 2017

Bachelor of Science and Arts in Mathematics

- Business Foundations Certificate
- Actuarial Exam P (Probability)

WORK EXPERIENCE

Division of Food and Housing, University of Texas Austin, TX August 2014 - Present

Clerical Assistant

- I have coached new hires and have collaborated with our management to streamline procedures
- Pioneered solutions to unique problems our residents and customers brought to our attention

Equity Bank Wichita, KS June 2013- August 2013

Commercial Loan Intern

- Experienced hands on work with modeling and accounting, with an emphasis on commercial real estate and business development
- Corresponded personally with clients and bankers to coordinate and focus key documentation processes

ACTIVITIES & LEADERSHIP

UT Directed Reading Program (DRP) Spring 2016

- Independently studied selected math reading with weekly guidance of faculty mentor, Dr. Anton Dochtermann
- Presented 12 minute talk at DRP symposium, ‘'Multiplying loops in space - the fundamental group and functors in algebraic topology'

IEEE Communication Society, University of Texas August 2015 - May 2016

Officer - Corporate Representative

- Organized bi-weekly meetings featuring security and computer science presentations
- Collaborated with network security firms to provide unique presentations and opportunities to our members

KVRX, University of Texas January 2015 - May 2016

Student DJ

- Co-hosted a weekly radio talk and music show on KVRX 91.7, UT Austin’s student radio station

Freshman Research Initiative August 2012- January 2014

Computational Evolution Research Assistant

- Designed and implemented a computational evolutionary experiment, measured the fitness of test populations which had restrictions on mutation magnitude relative to unrestricted populations. Collected and analyzed data from simulations ran on a TACC supercomputing cluster.
- Analyzed power-law, natural logarithm, and hyperbolic data distributions and their respective measures of significance and correlation to fitness and other evolutionary data generated by our models. Concluded by coding a script that handles TACC file structures and performs analysis to test the fit of above mentioned models.

SKILLS

Computer Skills: Proficient in Python, HTML, JavaScript, Microsoft Office. Experience in MATLAB, Mathematica.

Languages: Fluent in Russian, Basic in Spanish