

Sergey Sambros

316-648-8379 | sambros@utexas.edu | s3rj.com

EDUCATION

The University of Texas at Austin, Austin, TX

Expected May 2017

Bachelor of Science and Arts in Mathematics

- McComb's School of Business Foundations Certificate
- Actuarial Exam P (Probability)

SKILLS

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

Languages: Fluent in Russian, Basic in Spanish

ACTIVITIES & LEADERSHIP

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

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"

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.

WORK EXPERIENCE

Division of Food and Housing, University of Texas Austin, TX

August 2014 - August 2016

Clerical Assistant

- I 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