

# Sergey Sambros

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## EDUCATION

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**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

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

**Languages:** Fluent in Russian, Basic in Spanish

## ACTIVITIES & LEADERSHIP

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**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

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**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