

# TALA YASENPOOR

Vernon, CT

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## Objective

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I'm looking for a data science internship position in a forward-thinking company where I can use my extensive math background, ongoing self-improvement through Kaggle courses, and committed self-study of ISLP to drive innovation and contribute to the growth of the organization while also advancing my own professional development.

## Education

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### University of Connecticut

**2021 – Present**

*PhD in Mathematics, GPA: 3.94/4.0*

*Storrs, CT*

### University of Tehran

**2018 – 2020**

*MSc. in Mathematics, GPA: 3.85/4.0*

*Tehran, Iran*

### University of Tehran

**2013 – 2018**

*BSc. in Mathematics, GPA: 3.0/4.0*

*Tehran, Iran*

## Professional Experience

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### TagScout

**October 2019–May 2021**

*Content Manager & SEO Outreach Specialist*

*Toronto, Canada*

- Researching and writing blog posts in English.
- Conducting keyword research and competitor analysis.
- Research new backlinks opportunities and track key metrics using tools like Ahrefs.
- Proficient in HTML coding to optimize web pages for performance, including improving page load times and ensuring mobile responsiveness.
- Collaborate with web developers to implement technical SEO improvements using HTML coding.
- Use web analytics tools to track traffic, user behavior, and generate reports.

### Top-Tec

**Feb 2018 – Apr 2018**

*Technical Support*

*Tehran, Iran*

- Collaborating with software developers to diagnose and fix SQL-related bugs and performance problems.
- Writing and executing SQL queries to retrieve, manipulate, and analyze data.
- Provide SQL-related technical assistance to customers, resolving database-related issues.

## Technical Skills

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**Languages:** Python, Java, C++, HTML/CSS, SQL, MATLAB

**Developer Tools:** VS Code, SQL Server Management Studio

**Technologies/Frameworks:** GitHub, WordPress

**Other:** Ahrefs, Google Analytics, Microsoft tools, Adobe Photoshop, L<sup>A</sup>T<sub>E</sub>X

## Certifications

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- Intro to Programming
- Python
- Intro to Machine Learning
- All the above courses are being taken/have been taken on Kaggle.
- Pandas
- Intermediate Machine Learning (In Progress)
- Data Visualization (In Progress)

## Academic Experience

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### Graduate Assistant

**Fall 2022–Present**

*UConn QCenter*

*Storrs, CT*

- Managed shifts to ensure that every student received support and assistance from our team of approximately 60 tutors.
- Provided educational material for review sessions and tutor workshops.
- Oversaw and managed online tutoring sessions, ensuring a seamless and effective learning experience.

## Teaching Assistant

Fall 2017–Spring 2022

*UConn & University of Tehran*

- TA for Differential Topology, Manifolds I (Graduate Course), Differential Geometry, Differential Analysis, Calculus I, Calculus II, Calculus for Biology and Medicine, Foundations of Mathematics, Numerical Linear Algebra, MATLAB

## Publications

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- *On possible set-theoretical entropies of self-homeomorphisms of a topological space.*  
F. Ayatoallah Zadeh Shirazi, and T.S. Yasenpoor  
4th International Conference of Natural Sciences (ICNS 2019) - Mathematics & Computer, Sanandaj, Iran.
- *Fuzzification of a Fort dynamical system.*  
F. Ayatoallah Zadeh Shirazi, F. Ebrahimifar, and T.S. Yasenpoor  
9th Seminar on Algebraic Hyperstructures and Fuzzy Mathematics, Babolsar, Iran.

## Invited Talks

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- **Bergman Kernels**  
UConn Mathematics Continued Conference (MCC), TBD
- **The Corona Theorem: Wolff's Proof and Open Problems**  
UConn SIGMA Seminar, April 2023

## Honors and Awards

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- \$650 Travel grant for participation in Geometry Festival at Princeton University, April 2023.
- \$800 Travel grant for participation in Midwest Geometry Conference, March 2022.
- Academic Fellowship of 5,000 for 2021-2022, Uconn.
- Government Full Tuition Waving Fellowship, B.Sc. & M.Sc. in Mathematics, University of Tehran, 2013-2020.
- Ranked 42nd among more than 3000 participants at Iranian University Entrance Exam for M.Sc. in Pure Mathematics, 2018.

## Synergistic Activities

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### Webmaster

**2023-2024**

*SIAM Graduate Student Chapter*

*Storrs, CT*

### Webmaster

**2022-2024**

*AWM Graduate Student Chapter*

*Storrs, CT*

### Webmaster

**2022-2024**

*AMS Graduate Student Chapter*

*Storrs, CT*

- As the webmaster of all three associations in the Math department, I regularly update and maintain website content, collaborate with other team members to promote events and initiatives through the website, and maintain thorough documentation of website changes, updates, and best practices for future reference.

### Volunteer

**March 2023**

*SoE + SAGE Poster Competition*

*Storrs, CT*

### Treasurer

**2021-2022**

*AMS Graduate Student Chapter*

*Storrs, CT*