

The Department of Mathematics at University of Texas in San Antonio invites applications for a postdoctoral position in geometry, probability, optimization, and computing.

#### The city

San Antonio is a vibrant, multi-cultural, multi-lingual, large, and yet affordable city with a rich history. The city offers a high quality of life with great public schools and accessible high quality health care.

To the surprise of our Mediterranean friends, San Antonio receives more tourist than (2000 years old peers) Athens and Istanbul. The upshot: San Antonio has some interesting things to offer even if you cannot go to a Spurs game.

#### The job

This is a two years postdoctoral position. The start date is somewhat flexible, with preference for the dates between July 2021 to Dec 2021. The salary is about \$52 K + fringe benefits (exact amount may vary).

The main duties are to develop your own independent research agenda, collaborate with Alperen Ergur on projects of common interest, help with running a student-accessible research seminar, and help with developing overall undergraduate research environment at UTSA Mathematics department.

#### The application

We need you to send an application letter (most important part), a CV, and three recommendation letters. Please advise your letter writers that we value collegiality as well as research strength for a successful application.

#### Your application letter

- . should not be too long (as a rule of thumb 5-6 pgs max, 3 pgs suffice)
- . should explain why do you think this position would be a good fit for you
- . should present your background in mathematics-computer science-optimization
- . should present your research interests and accomplishments
- . should not be too technical: please present meaning of your results and provide the links to your papers for interested readers
- . should propose joint projects to be carried in collaboration with Alperen Ergur

For details of Alperen's research works you can consult <http://alpergur.xyz/>

#### The deadline and selection process

Applications will be considered on a rolling basis. To be considered in the first round, please send your application by November 20, 2020.

Shortlisted candidates will be contacted for an online meeting. The goal of this meeting is going to be to test the feasibility of locating projects of common interest, and to answer your questions about the position.

All shortlisted candidates will be informed when the position gets closed. We apologize for not being able to respond to everyone due to time constraints.